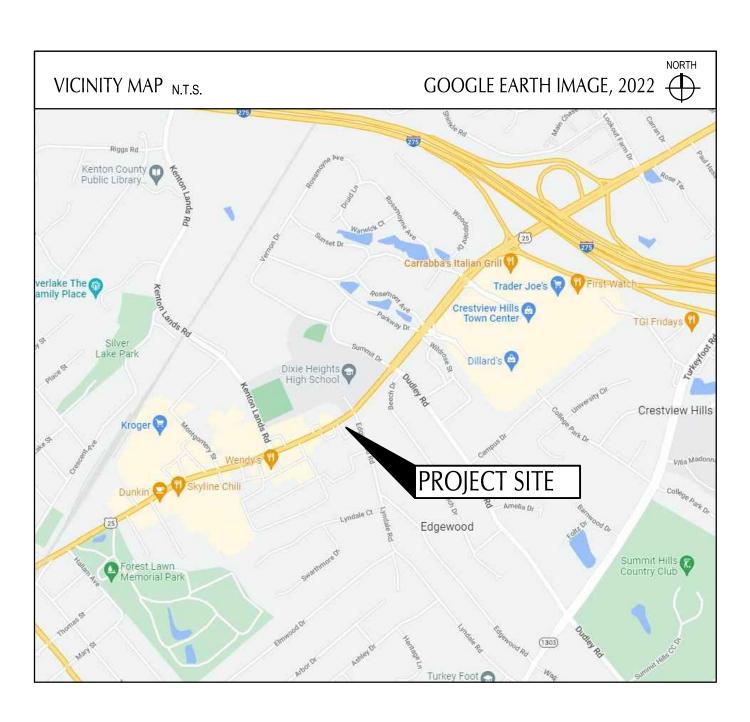
520 South Main Street, Suite 2531 Akron, OH 44311 330.572.2100 Fax 330.572.2101

IMPROVEMENT PLANS TACOBELL

3039 DIXIE HWY.
EDGEWOOD, KY 41017
APRIL 2022



PROJECT DESCRIPTION

THIS PROJECT CONSISTS OF A PROPOSED TACO BELL ON A PREVIOUSLY VACANT BANK & PAVED LOT.

KENTUCKY SPECIFICATION

THE STANDARD SPECIFICATIONS OF THE STATE OF KENTUCKY TRANSPORTATION CABINET, INCLUDING CHANGES AND SUPPLEMENTAL SPECIFICATIONS LISTED IN THE PROPOSAL SHALL GOVERN THIS IMPROVEMENT.

PLAN REPRODUCTION WARNING
THE PLANS HAVE BEEN PREPARED
FOR PRINTING ON ANSI D (22"x34")
SHEETS. PRINTING ON OTHER SIZE
SHEETS MAY DISTORT SCALES.
REFER TO GRAPHIC SCALES.

INDEX OF DRAWINGS		
TITLE SHEET.		
ALTA/NSPS LAND TITLE SURVEY		
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GENERAL NOTES		
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DATE	REMARKS

END 20

2020188.06

CONTRACT DATE: BUILDING TYPE:

> PLAN VERSION: BRAND DESIGNER:

SITE NUMBER:
STORE NUMBER:
PA/PM:

DRAWN BY.:
JOB NO.:

TACO BELL

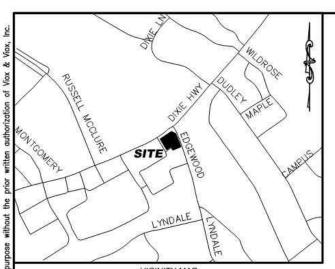
3039 DIXIE HWY. EDGEWOOD, KY 41017



END 20 TITLE SHEET

TS-001

OT DATE:



Bellwether Enterprise Real Estate Capital, LLC 5905 East Galbraith Road Cincinnati, OH 45236

PNC Bank, National Association 620 LIBERTY AVE

> NCT Dixie, LLC, an Ohio limited liability company 620 LIBERTY AVE PITTSBURGH, PA 15222

PITTSBURGH, PA 15222

SCALE: 1"=1000 GROUP NO.: 421

First American Title Insurance Company Commitment No. IPT20C0019-A-1 Dated March 11, 2020

Description

The Land referred to herein below is situated in the County of Kenton, State of Kentucky, and is described

Situate in the City of Edgewood, County of Kenton and Commonwealth of Kentucky, and being all of Lots Fifteen (15) and Sixteen (16) of Edgewood Subdivision as shown on Copied and Restored Plat Book 64 and Original Plat Book 433. Together with a permanent easement, as follows:

Being located in the City of Edgewood, Kenton County, Kentucky, and being a permanent exclusive easement for permanent use of the Grantee and described as follows: Beginning at a point on the south right of way line of Dixie Highway, said point being the common corner between Lots 16 and 17 of the Edgewood Subdivision, Copied and Restored Plat 64; thence with said south right of way line S 57 deg. 57' W. 10.12 feet to a point; thence leaving said right of way S 32 deg. 04' E. 149.93 feet to a point on the common line between said Lot 16 and 17; thence with said common line N. 28 deg. 12' E. 150.27 feet to the point of beginning.

And that property described as follows:

Situated on the south side of Dixie Highway and along the west side of Edgewood Road in the City of Edgewood, Kenton County, Kentucky:

Beginning at a pin in the common lot line of Lot 16 and 17 of the Edgewood Addition to the City of Edgewood, Copied and Restored Plat No. 64; said pin being North 28-12 West 49.63 feet from the common rear or south corners of said lots; thence with the common line of Lot 16 and 17. North 28-12 West 140.0 feet to a pin in the south line right of way line of Dixie Highway; thence with said right of way line South 55-18 West 9.45 feet to a pin in said right of way; thence leaving said right of way and through Lot 17 of said subdivision, South 32-04 East 139.23 feet to the point of beginning. Being part of lot 17 of said subdivision and containing 0.0154 acres.

Subject to covenants, conditions, restrictions and easements of record.

Being part of the parcel conveyed in the form of a permanent easement to Southgate Federal Savings and Loan Association (now known as Sunrise Federal Savings and Loan Association) by deed recorded in Deed Book 724, Page 25, Kenton County, Kentucky Clerk's records at Covington, Kentucky. There is excepted from the aforenoted legal that portion of the permanent easement area which is located within the new right of way of the Dixie Highway.

This property is further conveyed subject to the limitations on access to the subject property from the Dixie Highway by permit only from the Commonwealth of Kentucky, Department of Transportation.

Group Number: 421

Parcel ID Number: 015-30-10-003.00

Prior Reference: Deed Book 1080, Page 239 and Deed Book 1017, Page 211 of the Kenton County,

First American Title Insurance Company Commitment No. IPT20C0019-A-1 Dated March 11, 2020

Schedule B, Part 2 Exceptions

Items 1-10 are not survey related.

- 11. Agreement executed by William P. Butler and Mary Sue Butler, husband and wife, and South Gate Federal Savings and Loan Association, a Kentucky corporation, dated and recorded July 7, 1978 in Deed Book 724, page 20 of the Kenton County, Kentucky, Clerk's Office. (PERTAINS TO SURVEYED PROPERTY. BLANKET IN NATURE. NOT PLOTTABLE.)
- 12. Agreement of Easement and Maintenance executed by William P. Butler and Mary Sue Butler, husband and wife, Cynthia R. Culbertson, Sunrise Federal Savings and Loan Association, a federal association. and the Estate of John L. Tranter, Sr., dated March 6, 1990 and recorded April 16, 1990 in Easement
- Book 10, Page 151 of the Kenton County, Kentucky, Clerk's Office. (PERTAINS TO SURVEYED PROPERTY. PLOTTED AND LABELED AS ITEM #12. SEE PAGE 2.)
- 13. A certain 25' sewer easement granted to the City of Edgewood by Thomas P. Fitzpatrick and ida Fitzpatrick, his wife, on February 23, 1961, and recorded in Deed Book 486, Page 626 in the Kenton County, Kentucky, Clerk's Office. (LOCATED ON, OVER, OR ACROSS SURVEYED PROPERTY. PLOTTED AND LABELED AS ITEM #13.)
- 14. A certain easement and right-of-way for the purpose of construction of a road for ingress and egress to Edgewood Road, retained by the grantors in the deed dated July 7, 1978, and recorded in Deed Book 724, Page 25 in the Kenton County, Kentucky, Clerk's Office.

(LOCATED ON, OVER, OR ACROSS SURVEYED PROPERTY. PLOTTED AND LABELED AS ITEM #14.)

- 15. A certain 15' utility easement granted to The Union Light, Heat and Power Company, by William P. Butler and Mary Sue Butler, on March 8, 1984, and recorded in Deed Book 865, Page 240 in the Kenton County, Kentucky, Clerk's Office.
- (LOCATED ON, OVER, OR ACROSS SURVEYED PROPERTY. PLOTTED AND LABELED AS ITEM #15.) 16. A certain permanent easement granted to the Commonwealth of Kentucky, Transportation Cabinet, Department of Highways, from South Gate Federal Savings and Loan Association of Newport, Kentucky, on February 17, 1988, by a deed recorded on March 24, 1988, in Deed Book 968, Page 170.

(LOCATED ON, OVER, OR ACROSS SURVEYED PROPERTY. PLOTTED AND LABELED AS ITEM #16.)

17. A certain Certificate of Land Use Restriction issued by the Kenton County & Municipal Planning & Zoning Commission, and recorded on May 3, 1990, in Land Use Restriction Book 1, Page 254 of the Kenton County, Kentucky, Clerk's Office.

(PERTAINS TO SURVEYED PROPERTY. BLANKET IN NATURE. NOT PLOTTABLE.)

First American Title Insurance Company Commitment No. IPT20C0019-C-1 Dated March 11, 2020

Description

The Land referred to herein below is situated in the County of Kenton, State of Kentucky, and is

Being located in the City of Edgewood, Kenton County, Kentucky, and being part of Lots 17 and 18 of the Edgewood Subdivision, C&R Plat 64 of the Kenton County Clerk's Office and more particularly described as

Beginning at the northeast corner of Lot 15 of said subdivision; thence along the south right-of-way of the Dixie Highway (U.S. 25) south 55 degrees 03 minutes west 52.26 feet to a point; thence south 57 degrees 57 minutes west 77.86 feet to the real point of beginning; thence along said right-of-way south 57 degrees 57 minutes west 23.68 feet to a point; thence south 60 degrees 11 minutes west 41.17 feet to a point; thence leaving said right-of-way south 32 degrees 04 minutes east 160.00 feet to a point; thence north 50 degrees 30 minutes 40 seconds east 65.36 feet to a point; thence north 32 degrees 04 minutes west 149.93 feet to the real point of beginning, and containing 0.23 acres, more or less.

SAVE AND EXCEPT THE FOLLOWING Situated in Kenton County, in the City of Edgewood, and being more particularly described as follows:

Beginning at a point in the existing right of way line of Dixie Highway, said point being 26.40 feet right of Station 109+88.14; thence with the existing right of way line North 61 degrees 24 minutes 45 seconds E, for a distance of 43.62 feet to a point 29.92 feet right of Station 110+30.83; thence, continue with the existing right of way N. 62 degrees 40 minutes 09 seconds E. for a distance of 20.14 feet to a point in the grantors westerly property line 32.40 feet right of Station 110+50.41; thence, leaving the existing right of way and with the grantors westerly property line south 30 degrees 11 minutes 26 seconds E. for a distance of 10.80 feet to a point in the proposed right of way 40.15 feet right of Station 110+49.58; thence leaving the grantors westerly property line and with the proposed right of way line S. 56 degrees 36 minutes 45 seconds W. for a distance of 7.54 feet to a point 43.00 feet right of Station 110+42.25; thence, with the proposed right of way along an arc 55.89 feet to the right, having a radius of 1570.89 feet and being subtended by a chord bearing S. 56 degrees 34 minutes 18 seconds W. for a distance of 55.86 feet to a point in the grantors easterly property line being 43.00 feet right of Station 110+87.92; thence leaving the proposed right of way line and with the grantors easterly property line N. 31 degrees 38 minutes 53 seconds W. for a distance of 16.60 feet to the point of beginning.

The property conveyed herein is also described per Corrective Deed to Estate of John L. Tranter, Sr., as recorded in Deed Book 1017, Page 215, Deed Records of Kenton County, Kentucky, as follows:

Situated along the south side of Dixie Highway and along the west side of Edgewood Road in the City of

Beginning at a point in the common line of Lot 16 and 17 of the Edgewood Addition to the City of Edgewood, Copied and Restored Plat No. 64; said point being North 28-12 West 49.63 feet from the common south or rear corner of Lot 16 and 17 of said subdivision; thence from said point of beginning through Lot 17, North 32-04 West 139.23 feet to a pin in the south right of way line of Dixie Highway. said pin being South 55-18 West 9.45 feet from the common line of Lot 16 and 17 in the right of way line of Dixie Highway; thence along the south right of way line of Dixie Highway, South 55-18 West 13.60 feet to a right of way monument; thence along the south right of way line of Dixie Highway and along the curve of said right of way as it curves to the right of southwest, having a radius of 1570.89 feet, an arc distance of 51.29 feet; said curve being subtended by a chord bearing south 55-09 West 51.27 feet to a pin the said right of way; thence leaving said right of way and through Lot 18 of said subdivision North 50-31 East 65.36 feet to the point of beginning. Being part of Lot 17 and Lot 18 of said subdivision, containing 0.2110 acres.

This property is further conveyed subject to the limitations on access to the subject property from the Dixie Highway by permit only as set forth in that certain Deed of Conveyance from John L. Tranter, Sr. and Nydia Tranter, husband and wife,to the Commonwealth of Kentucky, Department of Highway, dated September 2, 1987 and recorded September 10, 1987 in Deed Book 956, Page 28, Kenton County, Kentucky, Clerk's records at Covington, Kentucky.

First American Title Insurance Company Commitment No. IPT20C0019-C-1 Dated March 11, 2020

Schedule B, Part 2 Exceptions

Items 1-12 are not survey related.

- 13. Agreement of Easement and Maintenance executed by William P. Butler and Mary Sue Butler, husband and wife, Cynthia R. Culbertson, Sunrise Federal Savings and Loan Association, a federal association, and the Estate of John L. Tranter, Sr., dated March 6, 1990 and recorded April 16, 1990 in Easement Book 10. Page 151 of the Kenton County, Kentucky, Clerk's Office,
- (PERTAINS TO SURVEYED PROPERTY. PLOTTED AND LABELED AS ITEM #13. SEE PAGE 2.)
- 14. A certain 25' sewer easement granted to the City of Edgewood by Thomas P. Fitzpatrick and ida Fitzpatrick, his wife, on February 23, 1961, and recorded in Deed Book 486, Page 626 in the Kenton County, Kentucky,
- (NOT LOCATED ON, OVER, OR ACROSS SURVEYED PROPERTY. PLOTTED AND LABELED AS ITEM #14.)
- 15. A certain easement and right-of-way for the purpose of construction of a road for ingress and egress to Edgewood Road, retained by the grantors in the deed dated July 7, 1978, and recorded in Deed Book 724, Page 25 in the Kenton County, Kentucky, Clerk's Office. (NOT LOCATED ON, OVER, OR ACROSS SURVEYED PROPERTY. PLOTTED AND LABELED AS ITEM #15.)
- 16. A certain 15' utility easement granted to The Union Light, Heat and Power Company, by William P. Butler
- and Mary Sue Butler, on March 8, 1984, and recorded in Deed Book 865, Page 240 in the Kenton County, (NOT LOCATED ON, OVER, OR ACROSS SURVEYED PROPERTY. PLOTTED AND LABELED AS ITEM #16.)
- 17. A certain permanent easement granted to the Commonwealth of Kentucky, Transportation Cabinet, Department of Highways, from John L. Tranter, Sr. and Nydia Tranter, his wife, on September 2, 1987, and recorded in Deed Book 956, page 28 of the Kenton County, Kentucky, Clerk's Office. (LOCATED ON, OVER, OR ACROSS SURVEYED PROPERTY. PLOTTED AND LABELED AS ITEM #17.)
- 18. A certain Certificate of Land Use Restriction issued by the Kenton County & Municipal Planning & Zoning Commission, and recorded on May 3, 1990, in Land Use Restriction Book 1, Page 256 of the Kenton County, Kentucky, Clerk's Office. (PERTAINS TO SURVEYED PROPERTY. BLANKET IN NATURE. NOT PLOTTABLE.)
- 19. Plat dated January 16, 1987, recorded in Miscellaneous Book 115, page 153 of the Kenton County,
- Kentucky, Clerk's Office. (PLAT LOCATED ADJACENT TO SURVEYED PROPERTY. PERTINENT EASEMENTS SHOWN ON PLAT PLOTTED AND LABELED AS ITEM #19.)
- 20. Subject to that certain lease agreement evidenced by: (i) That certain Memorandum of Lease dated December 30, 1977, between William P Butler and Mary SueButler, Lessor, and South Gate Federal Savings & Loan Association, Lessee, recorded in Miscellaneous Book 15, page 96 of the Kenton County, Kentucky, Clerk's Office, as assigned to George

A. Foster, by William P. Butler and Mary Sue Butler, on May 27, 1980, by that certain instrument

recorded in Miscellaneous Book 89, page 137 of the Kenton County, Kentucky, Clerk's Office; and

(ii) That certain Memorandum of Lease dated January 30, 1993, between Nydia C. Tranter, as Lessor, and Central Trust, Northern Kentucky, National Association, as Lessee, recorded in Lease Book 19, page 283 of the Kenton County, Kentucky, Clerk's Office, as assigned to NCT Dixie, LLC, an Ohio corporation, by Nydia C. Tranter, on May 2, 2019, by that certain instrument recorded in Official Record Book C-6656,

page 225 of the Kenton County, Kentucky, Clerk's Office. (PERTAINS TO SURVEYED PROPERTY. BLANKET IN NATURE. NOT PLOTTABLE.)

Miscellaneous Notes

1. The Premises has direct physical access to Edgewood Drive, a public street or highway.

Handicap:

- 2. The Parcels shown hereon are contiguous, and no gaps, gores or hiatus occurs between said parcels and adjoining
- 3. Table A, #11: Visible surface utilities are shown hereon along with some utility locations from previous site plans in possession of Surveyor.
- 4. Table A, #16: No observed evidence of current earth moving, building construction or building additions.
- 5. Table A, #17: No observed evidence of proposed changes in right of way lines or recent street/sidewalk construction. 6. Parking spaces
- The survey depicted by this plat was done by persons under my direct supervision by the method of random traverse with sideshots. The unadjusted error of closure was 1:19,484 and was adjusted. The survey as shown hereon is an Urban Survey and the accuracy and precision of said survey meets all the specifications of this class and complies with 201 KAR 18:150

Surveyors Certificate

To: Impact Real Estate Partners, LLC, an Ohio limited liability company; First American Title Insurance Company:

This is to certify that this map or plat and the survey on which it is based were made in accordance with the 2016 Minimum Standard Detail Requirements for ALTA/NSPS Land Title Surveys, jointly established and adopted by ALTA and NSPS, and includes Items 1-4, 6(b), 7(a)(b1)(c), 8, 9, 10(a), 11, 13, 19, 20(\$2,000,000) and 21 (flood zone designation using FEMA Flood Insurance Rate Maps) of Table A thereof. The field work was completed on March 18, 2020. Date of Plat or Map: April 20, 2020

Gregory A. Larison Registration No.: 3357 Within the State of: Kentucky

Zoning Information SC (Shopping Center) Zone

MAXIMUM MINIMUM YARD SETBACKS ZONING DISTRICT HEIGHT FRONT REAR SIDE **BUILDING SITE AREA** 5 ACRES 40' 50' 50' 50'

Flood Zone Classification

Said described property is located within areas having a Zone Designation of X by the Federal Emergencey Management Agency on Flood Insurance Rate Map No. 21117C0015F having an effective date of May 16, 2013, for Community Number 210452, City of Edgewood, in Kenton County, Commonwealth of Kentucky, which is the current Flood Insurance Rate Map for the

15' U.L.H. & P. Ease

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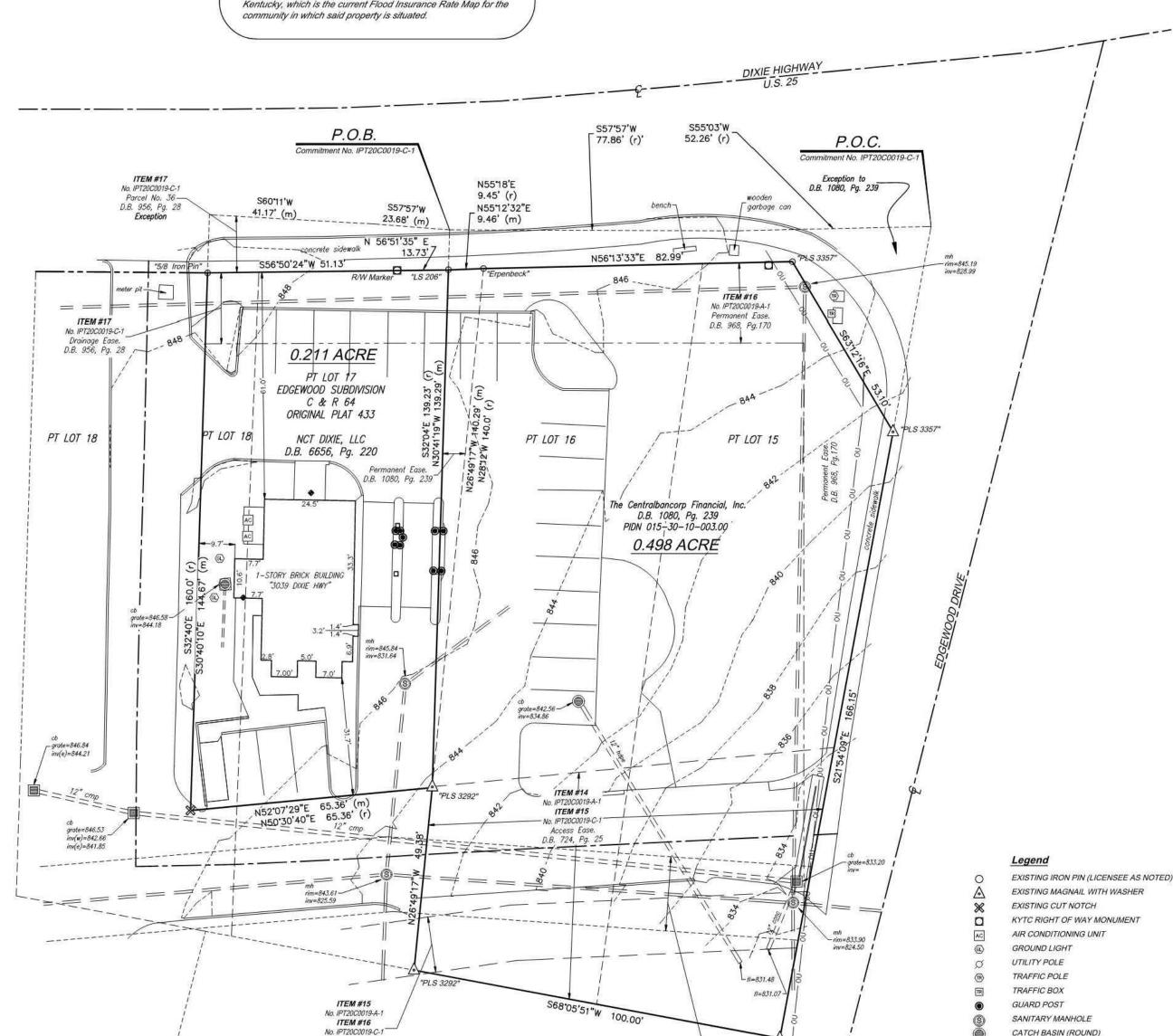
CATCH BASIN (2'X2')

----- OU ------ OVERHEAD UTILITIES

= = sanitary sewer

= = = = storm sewer

1 of 2



"PLS 3434 Baile

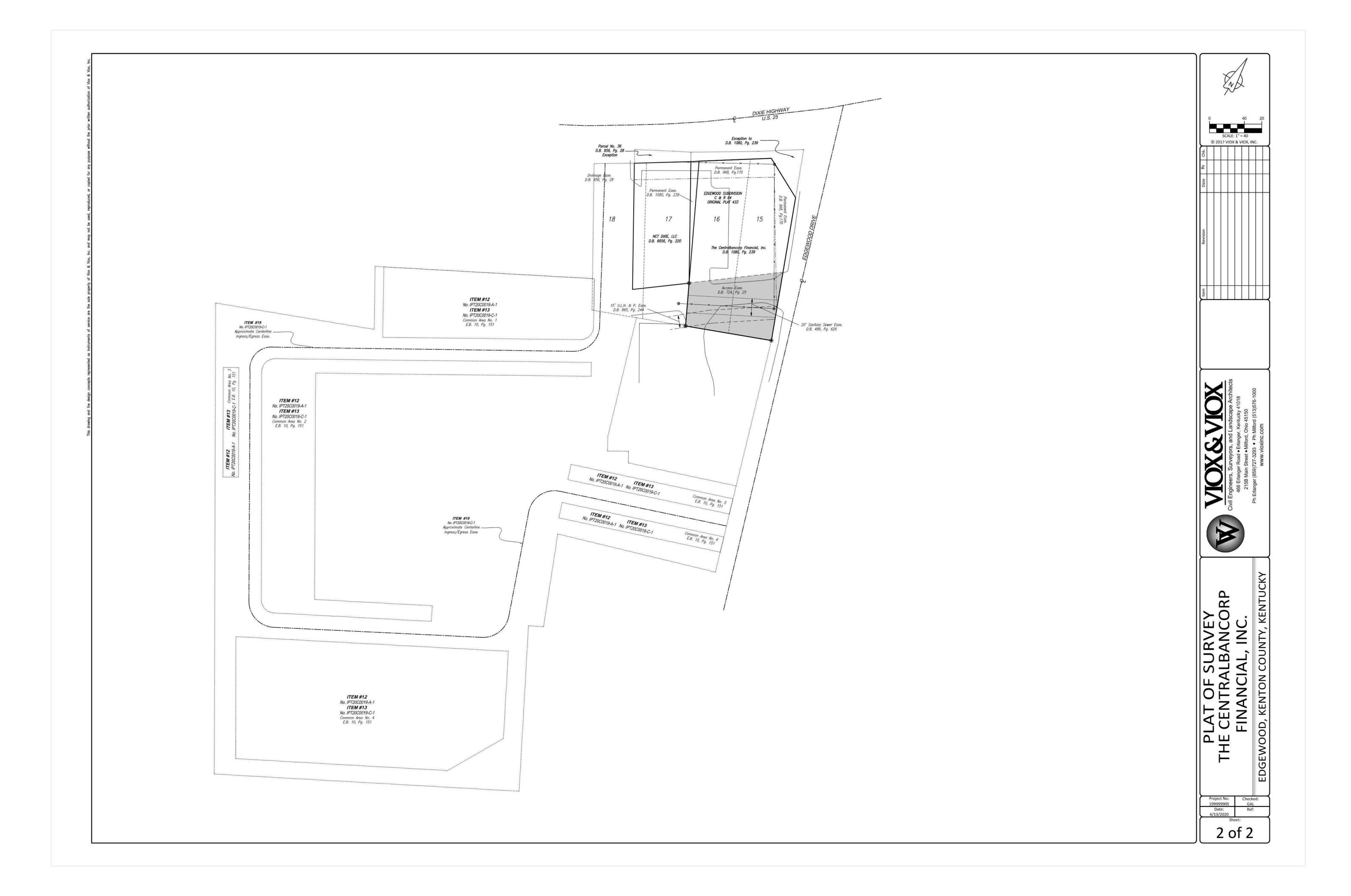
ITEM #13

ITEMS #14 & #19

No. IPT20C0019-C-1 20' Sanitary Sewer Ease

No. IPT20C0019-A-

R.B. C5976, Pg. 211



. DEMOLITION INCLUDES THE FOLLOWING:

CORRECTIVE ACTIONS THAT MAY BE REQUIRED.

- 2.A. TRANSFER BENCHMARK CONTROL TO NEW LOCATIONS OUTSIDE THE DISTURBED AREA PRIOR TO COMMENCING DEMOLITION OPERATIONS (WHEN APPLICABLE).
- 2.B. DEMOLITION AND REMOVAL OF SITE IMPROVEMENTS NECESSARY FOR THE PROPOSED CONSTRUCTION OF NEW IMPROVEMENTS.

TO THE CURRENT STATE'S EPA AND LOCAL GOVERNING AUTHORITIES TO DETERMINE ANY

- 2.C. REROUTING, RELOCATING, DISCONNECTING, CAPPING OR SEALING, AND ABANDONING/REMOVING SITE UTILITIES IN PLACE (WHICHEVER IS APPLICABLE).
- REMOVE AND LEGALLY DISPOSE OF ITEMS CALLED OUT TO BE REMOVED. REMOVE AND TRANSPORT DEBRIS IN A MANNER THAT WILL PREVENT SPILLAGE ON ADJACENT SURFACES AND AREAS. THOSE ITEMS INDICATED TO BE REINSTALLED, SALVAGED, OR TO REMAIN SHALL BE CLEANED, SERVICED, AND OTHERWISE PREPARED FOR REUSE. CONTRACTOR TO STORE AND PROTECT AGAINST DAMAGE. REINSTALL ITEMS IN LOCATIONS INDICATED.
- PROTECT ITEMS INDICATED TO REMAIN AGAINST DAMAGE AND SOILING THROUGHOUT CONSTRUCTION. WHEN PERMITTED BY THE CONSTRUCTION MANAGER OR OWNER, ITEMS MAY BE REMOVED TO A SUITABLE, PROTECTED STORAGE LOCATION THROUGHOUT CONSTRUCTION AND THEN CLEANED AND REINSTALLED IN THEIR ORIGINAL LOCATIONS. PROMPTLY REPAIR DAMAGES TO ADJACENT FACILITIES CAUSED BY DEMOLITION OPERATIONS AT THE CONTRACTORS COST.
- CONTRACTOR SHALL SCHEDULE DEMOLITION ACTIVITIES WITH THE CONSTRUCTION/PROJECT MANAGER INCLUDING THE FOLLOWING:
- 5.A. DETAILED SEQUENCE OF DEMOLITION AND REMOVAL WORK, WITH STARTING AND ENDING DATES FOR EACH ACTIVITY
- 5.B. DATES FOR SHUTOFF, CAPPING, AND CONTINUATION OF UTILITY SERVICES. 5.C. IDENTIFY AND ACCURATELY LOCATE UTILITIES AND OTHER SUBSURFACE STRUCTURAL, ELECTRICAL,
- OR MECHANICAL CONDITIONS.
- REGULATORY REQUIREMENTS: COMPLY WITH GOVERNING EPA NOTIFICATION REGULATIONS BEFORE STARTING DEMOLITION. COMPLY WITH HAULING AND DISPOSAL REGULATIONS OF AUTHORITIES HAVING JURISDICTION
- MAINTAIN EXISTING UTILITIES INDICATED TO REMAIN IN SERVICE AND PROTECT THEM AGAINST DAMAGE THROUGHOUT CONSTRUCTION OPERATIONS.
- 7.A. DO NOT INTERRUPT EXISTING UTILITIES SERVING OCCUPIED OR OPERATING FACILITIES, EXCEPT WHEN AUTHORIZED IN WRITING BY OWNER'S REPRESENTATIVE AND AUTHORITIES HAVING JURISDICTION. PROVIDE TEMPORARY SERVICES DURING INTERRUPTIONS TO EXISTING UTILITIES, AS ACCEPTABLE TO OWNER AND TO GOVERNING AUTHORITIES.
- LOCATE, IDENTIFY, DISCONNECT, AND SEAL OR CAP OFF INDICATED UTILITY SERVICES SERVING THE SITE. ARRANGE TO SHUT OFF AND CAP UTILITIES WITH UTILITY COMPANIES AND FOLLOW THEIR RESPECTIVE UTILITY KILL AND CAP POLICIES. DO NOT START DEMOLITION WORK UNTIL UTILITY DISCONNECTING AND SEALING HAVE BEEN COMPLETED AND VERIFIED IN WRITING BY THE UTILITY
- CONDUCT DEMOLITION OPERATIONS TO PREVENT INJURY TO PEOPLE AND DAMAGE TO ADJACENT BUILDINGS AND FACILITIES TO REMAIN. ENSURE SAFE PASSAGE OF PEOPLE AROUND DEMOLITION AREA. SAFE PASSAGE INCLUDES THE ERECTION OF TEMPORARY PROTECTION AND/OR BARRICADES AS PER LOCAL GOVERNING AUTHORITIES AND IN ACCORDANCE WITH THE CURRENT ADA REGULATIONS. USE OF EXPLOSIVES WILL NOT BE PERMITTED.
- 10. CLEAN ADJACENT BUILDINGS AND IMPROVEMENT OF DUST, DIRT, AND DEBRIS CAUSED BY DEMOLITION OPERATIONS. RETURN ADJACENT AREAS TO CONDITION EXISTING BEFORE START OF DEMOLITION.
- 1. PROMPTLY DISPOSE OF DEMOLISHED MATERIALS. DO NOT ALLOW DEMOLISHED MATERIALS TO ACCUMULATE ON-SITE. STORAGE OR SALE OF REMOVED ITEMS OR MATERIALS ON-SITE WILL NOT BE PERMITTED. NO BURNING OF ANY MATERIALS ON SITE SHALL BE PERMITTED.
- 12. IT IS NOT EXPECTED THAT ASBESTOS WILL BE ENCOUNTERED IN THE COURSE OF THIS CONTRACT. IF ANY MATERIALS SUSPECTED OF CONTAINING ASBESTOS ARE ENCOUNTERED, DO NOT DISTURB THE MATERIALS. IMMEDIATELY NOTIFY THE CONSTRUCTION MANAGER AND THE OWNER.
- 3. SURVEY THE CONDITION OF THE STRUCTURE TO DETERMINE WHETHER REMOVING ANY ELEMENT MIGHT RESULT IN A STRUCTURAL DEFICIENCY OR UNPLANNED COLLAPSE OF ANY PORTION OF THE

 12. CONDUCT CONSTRUCTION OPERATIONS TO ENSURE MINIMUM INTERFERENCE WITH ROADS, STRUCTURE OR ADJACENT STRUCTURES THROUGHOUT CONSTRUCTION.
- 14. DEMOLISH BUILDING AND STRUCTURAL PADS COMPLETELY AND REMOVE FROM THE SITE. USE METHODS REQUIRED TO COMPLETE WORK WITHIN LIMITATIONS OF GOVERNING REGULATIONS AND AS
- 14.A. DISPOSE OF DEMOLISHED ITEMS AND MATERIALS PROMPTLY.
- 14.B. DEMOLISH CONCRETE AND MASONRY IN SMALL SECTIONS. 14.C. BREAK UP AND REMOVE CONCRETE SLABS ON GRADE.
- 15. BELOW-GRADE DEMOLITION: DEMOLISH FOUNDATION WALLS, PAVEMENTS, AND OTHER
- BELOW-GRADE DEMOLITION, AS FOLLOWS: 15.A. COMPLETELY REMOVE BELOW-GRADE DEMOLITION, INCLUDING FOUNDATION WALLS FOOTINGS, KNOWN AND UNKNOWN PAVEMENT SECTIONS INCLUDING UNDERLYING CONCRETE SLABS, AND OTHER BELOW GRADE CONCRETE SLABS FOUND DURING DEMOLITION (INCLUDING ITEMS WHICH MAY NOT BE IDENTIFIED HEREIN).
- 6. FILLING BELOW-GRADE AREAS: COMPLETELY FILL BELOW-GRADE AREAS AND VOIDS RESULTING FROM DEMOLITION OF BUILDINGS, PAVEMENTS, AND OTHER REMOVED ITEMS WITH SOIL MATERIALS ACCORDING TO REQUIREMENTS PER SOILS REPORT AND ON-SITE GEOTECHNICAL

 15. ALL DIMENSIONS, GRADES, AND UTILITY LOCATIONS SHOWN ON THESE PLANS WERE BASED ENGINEER'S REPRESENTATIVE. CONTRACTOR SHALL CONTACT GEOTECHNICAL ENGINEER PRIOR TO FILLING ANY AREAS TO OBSERVE FILL PROCEDURES.
- 7. CONDUCT DEMOLITION OPERATIONS AND REMOVE DEBRIS TO ENSURE MINIMUM INTERFERENCE WITH ROADS, STREETS, WALKS, AND OTHER ADJACENT OCCUPIED AND USED FACILITIES. DO NOT CLOSE OR OBSTRUCT STREETS, WALKS, OR OTHER ADJACENT OCCUPIED OR USED FACILITIES WITHOUT PERMISSION FROM OWNER AND AUTHORITIES HAVING JURISDICTION. PROVIDE ALTERNATE ROUTES AROUND CLOSED OR OBSTRUCTED TRAFFIC WAYS IF REQUIRED BY GOVERNING REGULATIONS.
- 18. CONTRACTOR TO WET SAWCUT EXISTING PAVEMENT TO REMAIN AT NEXT NEAREST JOINT PRIOR TO REMOVALS OF CURB, GUTTER, PAVEMENT, ETC.
- 19. THE CONTRACTOR SHALL REMOVE EXISTING PAVEMENT MARKINGS WITH SMALL HANDHELD GRINDERS OR SCARIFIERS OR OTHER METHODS, WITH THE APPROVAL OF THE CONSTRUCTION MANAGER. TAKE CARE DURING MARKING REMOVAL NOT TO SCAR, DISCOLOR, OR OTHERWISE DAMAGE THE PAVEMENT SURFACE. DO NOT OVERPAINT OR USE OTHER METHODS OF COVERING MARKINGS INSTEAD OF REMOVAL.
- 20. WHEN NOTED AND ALLOWED BY THE OWNER, THE CONTRACTOR MAY RE-USE EXISTING WHEELSTOPS FOR THE PROPOSED SITE. CONTRACTOR AND CONSTRUCTION MANAGER SHALL COORDINATE WHICH 17. THE CONTRACTOR SHALL RUN AN INDEPENDENT VERTICAL CONTROL TRAVERSE TO CHECK 13. CONCRETE SEALER SHALL BE APPLIED IN ACCORDANCE WITH MANUFACTURER'S WRITTEN EXISTING WHEELSTOPS MAY BE RE-USED PRIOR TO DEMOLITION. CONTRACTOR SHALL ENSURE THAT ALL RE-USED WHEELSTOPS ARE PROTECTED DURING CONSTRUCTION.
- 21. IF UNDERGROUND TANKAGE IS CALLED FOR DEMOLITION, THE CONTRACTOR SHALL COORDINATE REMOVAL AND REPLACEMENT WITH THE STATE BUREAU OF UNDERGROUND STORAGE TANK REGULATIONS (BUSTR). UNDERGROUND TANK REMOVAL SHALL ALSO INCLUDE THE REMOVAL OF ANY MONITORING WELLS, OIL/GAS WELLS, AND MINE SHAFTS, IN ACCORDANCE WITH GOVERNING AUTHORITIES HAVING JURISDICTION.
- 22. CONTRACTOR SHALL FULLY SECURE WORK AREA WITH THE APPROPRIATE SIGNAGE, FENCING, AND BARRICADES WHICH ACCOMMODATE VISUALLY IMPAIRED PERSONS AS AGREED UPON WITH SITE CONSTRUCTION/PROJECT MANAGER AND OWNER TO WARN AND KEEP PEOPLE OUT OF THE

SITE WORK AREA FOR THE DURATION OF THE PROJECT.

GENERAL PLAN AND SURVEY NOTES

- MAKING SURE THAT ALL REQUIRED PERMITS AND APPROVALS HAVE BEEN OBTAINED. NO CONSTRUCTION OR FABRICATION SHALL BEGIN UNTIL THE CONTRACTOR HAS RECEIVED AND THOROUGHLY REVIEWED ALL PLANS AND OTHER DOCUMENTS APPROVED BY ALL OF THE PERMITTING AUTHORITIES.
- ALL COMMERCIAL SITES, A NOTIFICATION FOR RESTORATION AND DEMOLITION MUST BE SUBMITTED

 2. THE CONTRACTOR'S ATTENTION IS DIRECTED TO THE SECTION OF THESE NOTES ENTITLED "GRADING PLAN NOTES" FOR DEFINITIONS AS MAY BE NECESSARY FOR "GEOTECHNICAL ENGINEER" AND "SOILS REPORT".
 - 3. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THESE PLANS, SPECIFICATIONS AND THE REQUIREMENTS AND STANDARDS OF THE LOCAL GOVERNING AUTHORITY. THE SOILS REPORT AND RECOMMENDATIONS SET FORTH THEREIN ARE A PART OF THE REQUIRED CONSTRUCTION DOCUMENTS AND TAKE PRECEDENCE UNLESS SPECIFICALLY NOTED OTHERWISE ON THE PLANS. THE CONTRACTOR SHALL NOTIFY THE CONSTRUCTION/PROJECT MANAGER OF ANY DISCREPANCY BETWEEN SOILS REPORT AND PLANS, ETC.
 - THE CONTRACTOR SHALL, UPON BECOMING AWARE OF SUBSURFACE OR LATENT PHYSICAL CONDITIONS DIFFERING FROM THOSE DISCLOSED BY THE ORIGINAL SOIL EXPLORATION WORK, PROMPTLY NOTIFY THE OWNER VERBALLY TO PERMIT VERIFICATION OF THE CONDITIONS AND IN WRITING, AS TO THE NATURE OF THE DIFFERING CONDITIONS. NO CLAIM BY THE CONTRACTOR FOR ANY CONDITIONS DIFFERING FROM THOSE ANTICIPATED IN THE PLAN AND SPECIFICATIONS AND DISCLOSED BY THE SOIL STUDIES WILL BE ALLOWED UNLESS THE CONTRACTOR HAS SO NOTIFIED THE OWNER, VERBALLY AND IN WRITING AS REQUIRED ABOVE, OF SUCH DIFFERING CONDITIONS.
 - 5. ALL WORK WITHIN THE RIGHTS OF WAY SHALL BE IN ACCORDANCE WITH THE GOVERNING JURISDICTION AND SPECIFICATIONS.
 - 6. CONTRACTOR SHALL COORDINATE ANY MAINTENANCE OF TRAFFIC WITH THE OWNER'S REPRESENTATIVE AND THE LOCAL JURISDICTION PRIOR TO CONSTRUCTION.
 - 7. CONTRACTOR SHALL AT ALL TIMES ENSURE THAT SWPP MEASURES PROTECTING EXISTING DRAINAGE FACILITIES BE IN PLACE PRIOR TO THE COMMENCEMENT OF ANY PHASE OF THE SITE CONSTRUCTION OR LAND ALTERATION. (SEE SWPP PLANS).
 - 8. ALL WORK SHALL BE COMPLETED IN A NEAT AND ORDERLY MANNER REMOVING ALL EXCESS MATERIAL AND WASTE FROM THE SITE INCLUDING TIMELY REMOVAL OF ANY CONCRETE SPLATTER. UPON COMPLETION OF PROJECT, CONTRACTOR SHALL CLEAN THE PAVED AREAS PRIOR TO REMOVAL OF TEMPORARY SEDIMENT CONTROLS, AS DIRECTED BY THE CITY AND/OR CONSTRUCTION/PROJECT MANAGER. IF POWER WASHING IS USED, NO SEDIMENT LADEN WATER SHALL BE WASHED INTO THE STORM SYSTEM. ALL SEDIMENT LADEN MATERIAL ON PAVEMENT OR WITHIN THE STORM SYSTEM SHALL BE COLLECTED AND REMOVED FROM THE SITE AT CONTRACTOR'S EXPENSE (SEE SWPP PLANS).
 - 9. THESE PROJECT CONSTRUCTION DOCUMENTS SHALL NOT CONSTITUTE A CONTRACTUAL RELATIONSHIP BETWEEN GPD GROUP, INC. AND THE CONTRACTOR / SUBCONTRACTOR / OR OTHER AFFILIATED PARTIES.
 - 10. THE ENGINEER WILL NOT BE RESPONSIBLE FOR CONSTRUCTION OR SAFETY, MEANS, METHODS, TECHNIQUES, SEQUENCES OR PROCEDURES UTILIZED IN CONSTRUCTION BY THE CONTRACTOR OR SUBCONTRACTORS. ANY SEQUENCING OR SUGGESTED NOTATIONS WHICH MAY APPEAR IN THE PLANS IS INTENDED TO ASSIST IN THE UNDERSTANDING OF PROJECT INTENT.
 - 11. DETAILS, NOTES, AND OTHER REFERENCES CONTAIN HEREIN MAY HAVE BEEN ATTAINED FROM OUTSIDE REFERENCE SOURCE LOCATIONS SUCH AS, BUT NOT LIMITED TO, LOCAL AUTHORITY AGENCIES, DESIGN REFERENCE MANUALS, MANUFACTURE'S RECOMMENDED DOCUMENTATION, OR OTHER INDUSTRY SOURCES. GPD DOES NOT WARRANT INFORMATION OR REPRESENTATION OF SAID CONTENT CONTAINED HEREIN. IT IS SHOWN SOLELY FOR REFERENCE ONLY OF DESIGN INTENT AT THE TIME OF PLAN PREPARATION. THE CONSTRUCTION TEAM MEMBERS (CONTRACTOR AND CONSTRUCTION MANAGER, WHERE APPLICABLE) SHALL OBTAIN THE MOST CURRENT DETAILED INFORMATION FROM THE RESPECTIVE SOURCE TO CONSTRUCT THE IMPROVEMENTS UNDER THE AUTHORITY OF THE RESPECTIVE GOVERNING AGENCIES. IF ANY DISCREPANCIES ARE DISCOVERED BETWEEN THE ORIGINAL DESIGN INTENT AND THE CONSTRUCTION TEAM OBTAINED REFERENCE MATERIAL, THE CONSTRUCTION MANAGER OR THE PROJECT'S CONTACT PERSON SHALL BE NOTIFIED PRIOR TO COMMENCING OF ASSOCIATED WORK.
 - STREETS, WALKS, AND OTHER ADJACENT OCCUPIED AND USED FACILITIES. DO NOT CLOSE OR OBSTRUCT STREETS, WALKS, OR OTHER ADJACENT OCCUPIED OR USED FACILITIES WITHOUT PERMISSION FROM OWNER AND AUTHORITIES HAVING JURISDICTION. PROVIDE ALTERNATE ROUTES AROUND CLOSED OR OBSTRUCTED TRAFFIC WAYS.
 - 13. THE A.L.T.A. SURVEY BY VIOX & VIOX DATED 04/13/2020 SHALL BE CONSIDERED A PART OF THESE PLANS. THE G.C. IS RESPONSIBLE FOR LOCATING IMPROVEMENTS PER THESE PLANS.
 - 14. THE LOCATIONS OF UNDERGROUND FACILITIES SHOWN ON THE PLANS ARE BASED ON GENERAL FIELD SURVEYS. IT SHALL BE THE CONTRACTOR'S FULL RESPONSIBILITY TO BECOME FAMILIAR WITH THE SITE'S POSSIBLE BELOW GRADE FEATURES, INCLUDING BUT NOT LIMITED TO, ROOMS, VAULTS, UTILITIES, ETC. AND SHALL CONDUCT A WALK THROUGH WITH THE OWNER'S REPRESENTATIVE. CONTRACTOR SHALL CONTACT THE VARIOUS UTILITY COMPANIES TO LOCATE THEIR FACILITIES PRIOR TO STARTING CONSTRUCTION. NO ADDITIONAL COMPENSATION SHALL BE PAID TO THE CONTRACTOR FOR REPAIR TO DAMAGE CAUSED BY THEIR WORK FORCE TO FACILITIES WHICH ARE NOT INTENDED TO BE
 - ON THE SURVEY. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO CONSTRUCTION. CONTRACTOR SHALL NOTIFY CONSTRUCTION/PROJECT MANAGER IF ANY DISCREPANCIES EXIST PRIOR TO PROCEEDING WITH CONSTRUCTION FOR NECESSARY CHANGES. NO EXTRA COMPENSATION SHALL BE PAID TO THE CONTRACTOR FOR WORK HAVING TO BE REDONE DUE TO INFORMATION SHOWN INCORRECTLY ON THESE PLANS IF SUCH NOTIFICATION HAS NOT BEEN GIVEN.
 - 16. IN SOME CASES, THE DEVELOPER OR OWNER MAY HAVE PROVIDED THEIR OVERALL DEVELOPMENT PLANS FOR THE PROJECT DESIGN RATHER THAN A FIELD SURVEY. (SEE SITE PLAN FOR NOTES WHEN THIS IS THE CASE). ALL DIMENSIONS, GRADES, AND UTILITY LOCATIONS SHOWN ON THESE PLANS WERE BASED ON SAID DEVELOPMENT PLANS. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO CONSTRUCTION. CONTRACTOR SHALL NOTIFY CONSTRUCTION MANAGER IF ANY DISCREPANCIES EXIST PRIOR TO PROCEEDING WITH CONSTRUCTION FOR NECESSARY CHANGES. NO EXTRA COMPENSATION SHALL BE PAID TO THE CONTRACTOR FOR WORK HAVING TO BE REDONE DUE TO INFORMATION SHOWN INCORRECTLY ON THESE PLANS IF SUCH NOTIFICATION HAS NOT BEEN GIVEN.
 - BENCHMARKS AND A HORIZONTAL CONTROL TRAVERSE THROUGH THE REFERENCED PROJECT CONTROL DATUM TO CONFIRM GEOMETRIC DATA. IT IS THE CONTRACTORS RESPONSIBILITY TO NOTIFY THE CONSTRUCTION MANAGER OF ANY DISCREPANCIES PRIOR TO THE START OF CONSTRUCTION.

CONCRETE NOTES AND SPECIFICATIONS

- 1. ALL EXTERIOR SITE SPECIFIC PORTLAND CEMENT CONCRETE (PCC) (I.E. SIDEWALK, PAVEMENT OR CURBING) SHALL MEET THE MINIMUM REQUIREMENTS OF THE LATEST EDITIONS OF THE KENTUCKY TRANSPORTATION CABINET (KYTC) AND THE AMERICAN CONCRETE INSTITUTE (ACI) SPECIFICATIONS USING THE RESPECTIVE ASTM STANDARDS FOR MATERIALS USED. MIXING. TRANSPORTATION, FORMING, PLACEMENT, CURING, AND SEALING. THE MINIMUM STRENGTH FOR NORMAL WEIGHT CONCRETE IS 4000 PSI AT 28 DAY STRENGTH. CONTRACTOR SHALL REFER TO DETAILS, NOTES, AND SPECIFICATIONS WITHIN THE CONSTRUCTION DOCUMENTS FOR VARIATIONS TO THIS SPECIFICATION. MIX DESIGN SHOP DRAWINGS SHALL BE TAILORED TO THE ACTUAL FIELD PLACEMENT CONDITIONS AND BE SUBMITTED TO THE CONSTRUCTION/PROJECT MANAGER IN ACCORDANCE WITH THE PROJECT REQUIREMENTS.
- 2. ALL EXTERIOR CONCRETE CURBS SHALL HAVE JOINTS PER ACI 330. CURB JOINTS ARE TO ALIGN WITH CONCRETE PAVEMENT JOINTS WHERE APPLICABLE, TYPICALLY BEING 10 FT TO 12 FT. ALL EXTERIOR VEHICULAR CONCRETE PAVEMENT AND FLATWORK SHALL HAVE CONTROL JOINTS PER TABLE BELOW AND EXPANSION JOINTS PER ACI 330 TYPICAL RECOMMENDATIONS.

TOTOGO TITIONE NEGOTIMENDATIONS.
MAXIMUM JOINT SPACING
8 FEET
10 FEET
12.5 FEET
15 FEET
15 FEET

- ALL JOINTS, INCLUDING SAWED JOINTS, SHALL BE SEALED. JOINTS SHALL BE CLEANED AND DRIED PRIOR TO SEALING. JOINT SEALING MATERIALS SHALL COMPLY WITH ASTM D 3406 FOR HOT APPLIED ELASTOMERIC, TT-S-001543A FOR SILICONE RUBBER, AND TT-S-00230S FOR SINGLE COMPONENT ELASTOMERIC. SEALER WIDTH, DEPTH, AND PREPARED APPLICATION SURFACES SHALL BE PER MANUFACTURES RECOMMENDATIONS. JOINT FILLER MATERIAL SHALL CONFORM TO ASTM D1751 OR ASTM D8139 AND EXTEND THE FULL DEPTH OF CONTACTING SURFACE.
- 4. ALL CONCRETE PANELS SHALL BE SQUARE WITH A LENGTH TO WIDTH RATIO NO GREATER THAN 1.25 TO 1 AND HAVE A MEDIUM BROOM FINISH (TRANSVERSE, SLIP RESISTANT FOR PEDESTRIAN PATHWAYS) WHICH SHALL BE TO MINIMUM STRENGTH PRIOR TO OPENING FOR VEHICULAR TRAFFIC AREAS. STAGGERED/OFFSET JOINT, INTERIOR CORNERS, ANGLES LESS THAN 60 DEGREES, SLABS LESS THAN 18-INCHES WIDE, AND ODD SHAPES SHALL NOT BE PERMITTED. BLOCKOUTS AROUND ALL PAVEMENT CASTINGS SHALL BE PROVIDED IN ACCORDANCE WITH ACI RECOMMENDATIONS.
- ALL JOINTING (IF) SHOWN HEREIN IS ONLY A GENERAL GUIDELINE OF DESIGN INTENT. THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR FINAL LAYOUT OF THE JOINTING WHICH COINCIDES WITH THEIR MEANS AND METHODS TO ENSURE NO UNDESIRED CRACKS FORM THROUGH ANY PLACED CONCRETE. JOINTS SHALL BE APPROPRIATELY PLACED AS SOON AS POSSIBLE TO KEEP UNNECESSARY CRACKS FROM DEVELOPING. CONTRACTOR SHALL SUBMIT SHOP DRAWING OF THEIR PAVEMENT JOINT LAYOUT TO OWNER / CONSTRUCTION MANAGER PRIOR TO PLACEMENT FOR RECORD. THE CONTRACTOR SHALL REPLACE ANY CRACKED CONCRETE, WHICH HAS NOT BEEN PLACED/FINISHED IN ACCORDANCE WITH ACI STANDARDS, TO THE NEXT JOINT PAST THE EFFECTED AREA AT NO ADDITIONAL COST TO THE PROJECT WITHIN ONE YEAR OF PROJECT COMPLETION.
- 6. DESIGN INTENT CONCRETE AND SHALL CONFORM TO THE FOLLOWING MINIMUM AND MAXIMUM

VALU	ES:	
a.	STRENGTH	PER MIX DESIGN, MINIMUM 4000 PSI
b.	PORTLAND CEMENT CONTENT	550 LB / CY (ASTM C150 TYPE I/II)
C.	POZZOLAN MATERIALS	SILICA FUME MAY REPLACE MAX. 7% CEMENT
	(SEE NOTES BELOW)	FLY ASH OR SLAG CEMENT MAY REPLACE
		MAX. 20% CEMENT
d.	MAX W/C RATIO	PER MIX DESIGN, MAXIMUM 0.45
e.	ENTRAINED AIR	6.5% AVG ± 1.5% (7.0% TARGET) ASTM C260
f.	SLUMP	4" MAX WITHOUT WATER REDUCER
g.	SLUMP WITH HRWR OR MID RANGE WR	6" TO 8"
h.	WATER REDUCER	NORMAL TYPE A (ASTM C494)
i.	RETARDER	NORMAL TYPE B OR D AS NEEDED (REQUIRED
		IF CONCRETE TEMPERATURE EXCEEDS 85F)
j.	CONCRETE TEMPERATURE AT PLACEMENT	50F-90F
k.	ACCELERATOR	NON-CHLORIDE TYPE ONLY - CALCIUM
		CHLORIDE IS PROHIBITED
l.	FIBERS TO BE USED	POLYPROPYLENE OR POLYETHYLENE
	FOR SHRINKAGE CRACK CONTROL	MICRO SYNTHETIC FIBERS @ 1.5 LBS / CY
	- (CURBS, WALKS, STEPS, RAMPS)	(FIBERMESH 300 OR APPROVED EQUAL)
	- FOR USE AS W.W.F. REPLACEMENT	MACRO SYNTHETIC FIBERS @ 4.0 LBS / CY
	(VEHICULAR TRAFFIC PAVEMENT)	(TUF-STRAND SF OR APPROVED EQUAL)
A	WAITHETIA FIREDO OLIALI. DE TVOE III DED AO	THE CALACE AND ACTIVED THE CO. MACDO FIDEDO

- 7. ALL SYNTHETIC FIBERS SHALL BE TYPE III PER ASTM C1116 AND ASTM D7508. MACRO FIBERS SHALL BE 1.5 TO 2.25 INCHES IN LENGTH.
- 8. ALL REINFORCING STEEL SHALL CONFORM TO ASTM A615. ASTM A1064. ASTM A307. AND ASTM A775. WHEN USED, ALL W.W.F. SLAB REINFORCEMENT SHALL BE SUPPORTED ON CHAIRS AND BE FLAT SHEETS ONLY. ZINC REPAIR MATERIAL SHALL CONFORM TO ASTM A780.
- 9. CONCRETE SHALL ARRIVE AT JOB SITE WITH APPROPRIATE W/C RATIO. NO WATER SHALL BE ADDED TO CONCRETE ON SITE WHICH EXCEEDS THE MAXIMUM ALLOWED W/C RATIO AS INDICATED BY THE WRITTEN BATCH PLANT TICKET FROM THE SUPPLIER. SUPERPLASTICIZER AND/OR OTHER ADMIXTURES MAY BE UTILIZED TO ACHIEVE DESIRED WORKABILITY OR TO ACCOUNT FOR ADVERSE PLACEMENT CONDITIONS. ADMIXTURES SHALL BE UTILIZED ONLY IN ACCORDANCE WITH THE MANUFACTURES WRITTEN INSTRUCTIONS AND MEET THE REQUIREMENTS OF ASTM C494 AND/OR ASTM C1017.
- 10. CONTRACTOR SHALL HAVE A MIN. 5 YEARS EXPERIENCE WITH SUCCESSFUL PLACEMENT OF CONCRETE UTILIZING POZZOLAN MATERIALS. MIX DESIGNS WHICH UTILIZED POZZOLAN MATERIALS SHALL BE IN ACCORDANCE WITH LOCAL KYTC SPECIFICATIONS AND ACI STANDARDS. FLY ASH SHALL MEET THE REQUIREMENTS OF ASTM C618, CLASS C OR CLASS F, EXCEPT THE LOSS ON IGNITION MUST NOT EXCEED 5%. SLAG CEMENT ACCORDING TO ASTM C989, GRADE 100 MINIMUM. SILICA FUME SHALL BE DRY DENSIFIED MEETING THE REQUIREMENTS OF ASTM C1240. USE OF MATERIALS SHALL BE IN ACCORDANCE WITH ACI 211.1.
- 11. AGGREGATES SHALL BE LOW-SHRINKAGE / WELL GRADED PER ASTM C33 AND THE LOCAL KYTC SPECIFICATIONS WHICH ARE RESISTANT TO FREEZE / THAW, SULFATE ATTACK, AND ARE NOT ALKALI-CARBONATE AGGREGATES OR SUSCEPTIBLE TO ALKALI-AGGREGATE REACTIVITY. SLAG AGGREGATES SHALL NOT BE PERMITTED IN ANY CONCRETE MIX.
- 12. LIQUID MEMBRANE FORMING CURING COMPOUNDS SHALL BE PER ASTM C1315 TYPE II CLASS A IN ACCORDANCE WITH ACI 308. LIQUID MEMBRANE FORMING CURING COMPOUNDS SHALL BE WHITE PIGMENTED AND TWO COATS APPLIED IN TWO PERPENDICULAR UNIFORM APPLICATIONS PER MANUFACTURES RECOMMENDATIONS WITHIN THE ALLOWABLE TIME PERIODS. APPLICATIONS SHALL BE PHOTOGRAPH DOCUMENTED FOR EVEN AND CONSISTENT COVERAGE SIMILAR TO THE APPEARANCE OF A BLANK WHITE SHEET OF COPY PAPER. NO POOLING OF MATERIAL SHALL BE ACCEPTED.
- INSTRUCTIONS. A WRITTEN STATEMENT FROM THE MANUFACTURE FOR THE SEALER AND CURING COMPOUND SHALL BE PROVIDED GUARANTEEING COMPATIBILITY.
- 14. REFER TO ACI INDUSTRY STANDARDS FOR CONCRETE PLACEMENT AND INSTALLATION. CONTRACTOR SHALL INCLUDE PROVISIONS IN ACCORDANCE WITH ACI 305R AND 306R FOR HOT AND COLD WEATHER PLACEMENT WHEN PROJECT SCHEDULE TIMING FALLS WITHIN THE REQUIRED TEMPERATURE RANGES PER ACI AND THE LOCAL KYTC.

GRADING PLAN NOTES

- A GEOTECHNICAL REPORT HAS BEEN PREPARED BY TERRACON CONSULTANTS, INC., DATED 03/22/2022 AND SHALL BE CONSIDERED TO BE A PART OF THIS PLAN SET.
- 2. BEFORE STARTING GRADING OPERATIONS. SEE STORMWATER POLLUTION PREVENTION PLAN. NOTES AND DETAILS (SWPP), LANDSCAPE PLAN AND SOILS REPORT FOR TREATMENT OF EXISTING GRADE.
- PRIOR TO SITE CONSTRUCTION ACTIVITY, THE CONTRACTOR SHALL INSTALL ALL SWPP MEASURES TO PROTECT EXISTING DRAINAGE FACILITIES. CONTRACTOR SHALL PREVENT SILTATION FROM LEAVING THE SITE AT ALL TIMES.
- STRIP BUILDING AND PAVEMENT AREAS OF ALL ORGANIC TOPSOILS. STOCKPILE SUITABLE TOPSOILS FOR RESPREADING ONTO LANDSCAPE AREAS. ALL EXCESS EXCAVATED MATERIALS SHALL BE REMOVED FROM THE SITE AT THE CONTRACTOR'S EXPENSE. SEE GEOTECHNICAL REPORT FOR STRIPPING AND TOPSOIL REQUIREMENTS.
- 5. OBTAIN APPROVED BORROW SOIL MATERIALS OFF-SITE WHEN SUFFICIENT SATISFACTORY SOIL MATERIALS ARE NOT AVAILABLE ON-SITE.
- 6. SITE GRADING SHALL BE PERFORMED IN ACCORDANCE WITH THESE PLANS AND SPECIFICATIONS AND THE RECOMMENDATIONS SET FORTH IN THE GEOTECHNICAL REPORT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING ALL SOFT, YIELDING OR UNSUITABLE MATERIALS AND REPLACING WITH SUITABLE MATERIALS AS SPECIFIED IN THE GEOTECHNICAL REPORT. UNLESS OTHERWISE SPECIFIED IN THE PLANS, SPECIFICATIONS, OR GEOTECHNICAL REPORT THE SITE GRADING, EXCAVATION, AND EMBANKMENT SHALL BE IN ACCORDANCE WITH THE STATE DEPARTMENT OF TRANSPORTATION CONSTRUCTION AND MATERIAL SPECIFICATIONS.
- 7. AT A MINIMUM ALL EXCAVATED OR FILLED AREAS SHALL BE COMPACTED TO 98% OF STANDARD PROCTOR MAXIMUM DRY DENSITY PER A.S.T.M. TEST D-698. MOISTURE CONTENT AT TIME OF PLACEMENT SHALL NOT EXCEED 2% ABOVE NOR 2% BELOW OPTIMUM. THE CONTRACTOR SHALL FOLLOW THE RECOMMENDATIONS OF THE GEOTECHNICAL REPORT AND RETAIN A QUALIFIED SOILS ENGINEER REGISTERED WITHIN THE STATE TO ENSURE COMPLIANCE WITH THE GEOTECHNICAL REPORT, MAKE GEOTECHNICAL RECOMMENDATIONS BASED ON FIELD CONDITIONS, AND ENSURE THAT ALL SHORING AND DEWATERING MEANS AND METHODS WILL NOT COMPROMISE THE STABILITY OF EXISTING OR PROPOSED FOOTINGS/FOUNDATIONS. THE OWNER SHALL RECEIVE ALL COMPACTION REPORTS PREPARED BY THE CONTRACTOR'S GEOTECHNICAL ENGINEER, VERIFYING THAT ALL FILLED AREAS AND SUBGRADE AREAS WITHIN THE BUILDING PAD AREA AND AREAS TO BE PAVED HAVE BEEN COMPACTED IN ACCORDANCE WITH THESE PLANS AND SPECIFICATIONS AND THE RECOMMENDATIONS SET FORTH IN THE GEOTECHNICAL REPORT. NOTIFY PROJECT CONSTRUCTION MANAGER IF ANY UNSUITABLE SOILS ARE FOUND.
- 8. FOLLOWING GRADING OF SUBSOIL TO SUBGRADE ELEVATIONS THE CONTRACTOR SHALL PLACE TOPSOIL TO A 6" DEPTH (UNLESS OTHERWISE SPECIFIED IN LANDSCAPING DETAILS) IN ALL DISTURBED AREAS WHICH ARE NOT TO BE PAVED. SMOOTHLY FINISH GRADE TO MEET SURROUNDING LAWN AREAS AND ENSURE POSITIVE DRAINAGE. STOCKPILED TOPSOIL SHALL BE SCREENED PRIOR TO RESPREADING. TOPSOIL SHALL BE FREE OF SUBSOIL, DEBRIS, BRUSH AND STONES LARGER THAN 1" IN ANY DIMENSION. ROCK HOUNDING IN PLACE WILL NOT BE PERMITTED. ALL EXCESS TOPSOIL SHALL BE LEGALLY DISPOSED OF OFF SITE.
- 9. ELEVATIONS GIVEN ARE AT BOTTOM FACE OF CURB AND/OR FINISHED PAVEMENT GRADE UNLESS OTHERWISE SPECIFIED ON GRADING PLAN. ALL PAVEMENT SHALL BE LAID ON A STRAIGHT, EVEN, AND UNIFORM GRADE WITH A MINIMUM OF 1% SLOPE TOWARD THE COLLECTION POINTS UNLESS OTHERWISE SPECIFIED ON THE GRADING PLAN. DO NOT ALLOW NEGATIVE GRADES OR PONDING OF WATER.
- 10. SLOPE BUILDING SIDEWALK AWAY FROM THE BUILDING AT A MAXIMUM OF 1.5% (UNLESS OTHERWISE INDICATED ON THE GRADING PLAN).
- 11. WHEN CONSTRUCTING ASPHALTIC CONCRETE PAVEMENTS, CONTRACTOR SHALL PROVIDE BUTT END JOINT TO MEET EXISTING PAVEMENT IN ELEVATION AT DRIVE RETURNS AND ENSURE POSITIVE DRAINAGE.

- 1. CONTRACTOR SHALL CONTACT ALL UTILITY COMPANIES IMMEDIATELY AFTER BID IS AWARDED AND ENSURE THE UTILITY COMPANIES HAVE THE ESSENTIALS REQUIRED FOR COMPLETE SERVICE INSTALLATION. CONTRACTOR SHALL NOTIFY CONSTRUCTION MANAGER OF ANY TIME FRAMES ESTABLISHED BY UTILITY COMPANIES WHICH WILL NOT MEET OPENING DATE.
- 2. CONTRACTOR SHALL VERIFY THE SIZE, LOCATION, INVERT ELEVATION, AND CONDITION OF EXISTING UTILITIES WHICH ARE INTENDED TO BE UTILIZED AS A CONNECTION POINT FOR ALL PROPOSED UTILITIES PRIOR TO ANY CONSTRUCTION. CONTRACTOR TO ENSURE EXISTING UTILITIES ARE IN GOOD CONDITION AND FREE FLOWING (IF APPLICABLE). IF ELEVATIONS, SIZE, OR LOCATION DIFFER FROM WHAT IS SHOWN ON PLANS, CONTRACTOR SHALL NOTIFY CONSTRUCTION MANAGER IMMEDIATELY.
- 3. WHERE PLANS PROVIDE FOR PROPOSED WORK TO BE CONNECTED TO, OR CROSS OVER AN EXISTING SEWER OR UNDERGROUND UTILITY, THE CONTRACTOR SHALL LOCATE THE EXISTING PIPES OR UTILITIES BOTH AS TO LINE AND GRADE BEFORE STARTING THE PROPOSED WORK. IF IT IS DETERMINED THAT THE ELEVATION OF THE EXISTING CONDUIT, OR EXISTING APPURTENANCE RESULTS IN A CHANGE IN THE PLAN. THE CONSTRUCTION MANAGER SHALL BE NOTIFIED BEFORE STARTING CONSTRUCTION OF ANY PORTION OF THE PROPOSED WORK WHICH WOULD BE AFFECTED BY THE INTERFERENCE WITH AN EXISTING FACILITY. PAYMENT FOR ALL THE OPERATIONS DESCRIBED ABOVE SHALL BE INCLUDED IN THE CONTRACT PRICE FOR THE PERTINENT ITEM.
- 4. UTILITY SERVICE PROVIDERS RULES AND REQUIREMENTS TAKE PRECEDENCE OVER INFORMATION HEREIN. IF DISCREPANCY ARISES, CONTRACTOR SHALL FULLY COORDINATE WITH UTILITY SERVICE PROVIDER PRIOR TO START OF CONSTRUCTION.

SANITARY SEWER NOTES

- 1. SANITARY SEWER LATERAL INVERT AT BUILDING SHALL BE A MINIMUM OF 4.5' BELOW FINISH
- 2. CLEAN-OUTS TO BE INSTALLED AT ALL PIPE BENDS AND ANGLES, UNLESS A MANHOLE IS INDICATED.
- 3. THE CONTRACTOR SHALL HIRE A LOCAL PLUMBER LICENSED WITH THE LOCAL SANITARY JURISDICTION TO MAKE ALL CONNECTIONS FROM THE BUILDING TO THE EXISTING SEWER. CONTRACTOR SHALL SECURE A SANITARY SEWER CONNECTION PERMIT PRIOR TO ANY CONSTRUCTION. THE CONTRACTORS PRICE FOR SANITARY SEWER INSTALLATION SHALL INCLUDE ALL FEES AND APPURTENANCES REQUIRED BY THE LOCAL SANITARY JURISDICTION TO PROVIDE A COMPLETE WORKING SERVICE. COORDINATE ALL WORK WITH THE SANITATION DISTRICT NO. 1 OF NORTHERN KENTUCKY - ANDY AMAN @ (859) 578-6880.
- 4. ALL SANITARY PIPE MATERIAL SHALL BE 6" PVC, SDR 35 CONFORMING TO ASTM D 3034, WITH JOINTS PER ASTM 3212 UNLESS OTHERWISE REQUIRED BY THE LOCAL JURISDICTION.

STORM SEWER NOTES

- 1. ALL STORM SEWER PIPE 12" OR GREATER IN DIAMETER SHALL BE CORRUGATED HIGH DENSITY POLYETHYLENE (HDPE) SMOOTH INTERIOR PIPE (UNLESS OTHERWISE NOTED ON PLAN). HDPE PIPE SHALL CONFORM TO ASTM D 3350 AND JOINTS PER ASTM F477. STORM SEWER LESS THAN 12" IN DIAMETER SHALL BE PVC, SDR 35, PER ASTM D 3034 AND JOINTS PER ASTM D 3212 (OR APPROVED EQUAL).
- 2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL TRENCHING, BACKFILLING AND PIPE INSTALLATION, PIPE MATERIAL AND TAP CONNECTION. COORDINATE ALL WORK WITH THE SANITATION DISTRICT NO. 1 OF NORTHERN KENTUCKY - ANDY AMAN @ (859) 578-6880.
- 3. ALL DRAINAGE STRUCTURES AT PAVEMENT SUMPS SHALL HAVE FINGER DRAINS PER DETAILS

WATER NOTES

- 1. WATER SERVICE MATERIALS SHALL BE COPPER TYPE "K" UNLESS OTHERWISE NOTED ON PLANS. DIAMETER SHALL BE AS NOTED ON THESE PLANS AND SHALL BE INSTALLED WITH A MINIMUM COVER OF 36" OR BELOW FROST LINE, WHICHEVER IS GREATER.
- 2. CONSTRUCTION AND MATERIALS PROVIDED BY THE WATER COMPANY:
- TAP MAIN.
- b. FURNISH AND INSTALL METER CROCK & METER. c. COORDINATE ALL WORK WITH THE NORTHERN KENTUCKY WATER DISTRICT. GREG NAPIER @ (859) 426-2720.
- 3. CONSTRUCTION AND MATERIALS PROVIDED BY THE CONTRACTOR:
- a. FURNISH AND INSTALL COPPER SERVICE LINE FROM METER TO BUILDING. b. ALL TRENCHING AND BACKFILLING.
- 4. CONTRACTOR SHALL PROVIDE 100% IRRIGATION PER CONSTRUCTION/PROJECT MANAGER AND CITY/VILLAGE/TOWNSHIP REQUIREMENTS. COORDINATE SLEEVE LOCATIONS WITH THE CONSTRUCTION/PROJECT MANAGER AND IRRIGATION CONSULTANT PRIOR TO PAVEMENT AND

CURB INSTALLATION. **ELECTRICAL NOTES**

1. SEE ELECTRICAL DRAWINGS FOR SITE LIGHTING AND LUMINAIRE DESCRIPTION.

- 2. SEE ELECTRICAL SHEETS FOR ALL DEDICATED EXTERIOR BUILDING AND SIGN LIGHTING SCHEDULES. ELECTRICAL CONTRACTOR SHALL BALANCE LOADS WHERE REQUIRED.
- 3. WHEN INSTALLING VERTICAL SWEEPS FOR UTILITY CONDUITS, CONTRACTOR SHALL USE SCHEDULE 80 DUCTS OF THE SIZE SHOWN ON THE PLANS.
- 4. CONSTRUCTION AND MATERIALS PROVIDED BY THE ELECTRIC COMPANY:
- a. FURNISH AND INSTALL PAD MOUNTED TRANSFORMER. b. MAKE APPROPRIATE PRIMARY AND SECONDARY CONNECTIONS AT TRANSFORMER.
- c. FURNISH AND INSTALL METER.
- d. RUN CONDUIT UP POLE. e. COORDINATE ALL WORK WITH DUKE ENERGY @ (800) 744-1202.
- 5. CONSTRUCTION AND MATERIALS PROVIDED BY THE CONTRACTOR:
- a. FURNISH AND INSTALL 1-4" PVC SCHEDULE 40 DUCTS, INCLUDING ALL TRENCHING AND BACKFILLING FROM TRANSFORMER TO BUILDING.
- b. FURNISH AND INSTALL SECONDARY WIRE FROM THE BUILDING TO THE TRANSFORMER. c. FURNISH AND INSTALL METER BASE AND CT CABINET.
- d. INCLUDE ALL FEES REQUIRED BY ELECTRIC COMPANY TO PROVIDE A COMPLETE WORKING SERVICE.

TELEPHONE NOTES

- 1. CONSTRUCTION AND MATERIALS PROVIDED BY THE TELEPHONE COMPANY: a. COORDINATE ALL WORK WITH SPECTRUM @ (855) 317-0071.
- b. PROVIDE AND INSTALL WIRING TO EXISTING SERVICE.
- 2. CONSTRUCTION AND MATERIALS PROVIDED BY THE CONTRACTOR:
- a. FURNISH AND INSTALL ONE 4" PVC SCH. 40 CONDUIT WITH PULLWIRE FROM THE BUILDING TO EXISTING
- b. ALL TRENCHING AND BACKFILLING.
- INCLUDE ALL FEES REQUIRED BY TELEPHONE COMPANY TO PROVIDE A COMPLETE WORKING SERVICE.
- 3. CONTRACTOR SHALL COORDINATE THE NUMBER OF LINES REQUIRED WITH THE CONSTRUCTION/ PROJECT MANAGER.

NATURAL GAS NOTES

- 1. CONSTRUCTION AND MATERIALS ANTICIPATED TO BE PROVIDED BY THE GAS COMPANY, CONTRACTOR SHALL CONFIRM WITH GAS COMPANY:
- TAP MAIN.
- b. FURNISH AND INSTALL SERVICE FROM TAP TO BUILDING. c. ALL TRENCHING AND BACKFILLING.
- d. FURNISH AND INSTALL METER. e. COORDINATE ALL WORK WITH DUKE ENERGY @ (800) 744-1202.
- 2. CONSTRUCTION AND MATERIALS ANTICIPATED TO BE PROVIDED BY THE CONTRACTOR, CONTRACTOR SHALL CONFIRM WITH GAS COMPANY:
- a. FURNISH AND INSTALL SERVICE FROM METER TO BUILDING AND THROUGHOUT THE BUILDING. b. CONTRACTOR SHALL INCLUDE ALL FEES REQUIRED BY THE GAS COMPANY TO PROVIDE A COMPLETE WORKING SERVICE.

CABLE NOTES

1. INSTALL 4" CABLE TVSS CONDUIT PER CITY. STATE OR NEC CODE. WHICHEVER IS MORE STRINGENT (FOR FUTURE USE). SEE ELECTRICAL SHEETS FOR DETAILS. TERMINATE CABLE CONDUIT AT RIGHT-OF-WAY. PROVIDE END CAP AND NOTE LOCATION ON AS-BUILT DRAWINGS.

GENERAL LEGEND:

<u>E</u>)	<u>KISTING</u>	PROPOS	<u>SED</u>
\bigcirc	EXISTING IRON PIN FOUND AS NOTED		PROPOSED CATCH BASIN
0	EXISTING MAG NAIL FOUND AS NOTED	•	PROPOSED STORM CLEA
<i>‡</i>	EXISTING LIGHT POLE	•	PROPOSED CLEAN OUT
-	EXISTING POWER AND TELEPHONE POLE		PROPOSED EXTERIOR GREASE INTERCEPTOR
st	EXISTING CURB INLET	E	PROPOSED ELECTRIC TRANSFORMER
sa	EXISTING SANITARY MANHOLE	⊗ ₩	PROPOSED LIGHT POLE
(9)	EXISTING GAS VALVE		PROPOSED EDGE OF PAVEMENT
*	EXISTING WATER VALVE		PROPOSED CURB
——— P/L ———	EXISTING PROPERTY LINE		PROPOSED CONTOUR
g	EXISTING UNDERGROUND	_	PROPOSED TRAFFIC SIGI
st	GAS LINES EXISTING UNDERGROUND STORM LINES	ک	PROPOSED PAINTED ADA SYMBOL
— — san— — —	EXISTING UNDERGROUND SANITARY LINES	t	PROPOSED DIRECTIONAL PAVEMENT MARKINGS
— w — w —	EXISTING UNDERGROUND WATER LINES		

EXISTING UNDERGROUND

ELECTRIC LINES

EXISTING TREE

EXISTING BOLLARD

EXISTING CONTOUR



CAUTION: IF THIS SHEET IS NOT 22"x34" IT IS A REDUCED PRINT

520 South Main Street, Suite 2531 Akron, OH 44311

REMARKS

END 20

2020188.06

CONTRACT DATE: **BUILDING TYPE:** PLAN VERSION:

BRAND DESIGNER SITE NUMBER:

STORE NUMBER PA/PM:

> DRAWN BY JOB NO .:

> > 3039 DIXIE HWY. EDGEWOOD, KY 41017

TACO BELI



GENERAL NOTES

- 1. ALL WORK SPECIFIED AS A TRANSPORTATION CABINET ITEM SHALL BE GOVERNED BY THE KENTUCKY TRANSPORTATION CABINET CONSTRUCTION AND MATERIAL SPECIFICATIONS AS WELL AS THE CURRENT EDITION OF THE LOCAL JURISDICTION STORM WATER MANAGEMENT MANUAL. IT IS THE CONTRACTOR'S RESPONSIBILITY TO POSSESS AND TO BE FAMILIAR WITH APPLICABLE SECTIONS.
- 2. THESE CONTRACT DRAWINGS SHALL BE MADE AVAILABLE ON SITE AT ALL TIMES AND PRESENTED UPON REQUEST. IF UNFORESEEN STORM WATER POLLUTION IS ENCOUNTERED, ADDITIONAL STORM WATER POLLUTION PREVENTION (SWPP) MEASURES SHALL BE IMPLEMENTED TO MANAGE THE CURRENT SITE CONDITIONS WHICH MAY BE REQUESTED BY THE OWNER, COUNTY ENGINEER, PROJECT ENGINEER OR SOIL AND WATER CONSERVATION SERVICE REPRESENTATIVE AT ANYTIME. SUCH REQUESTS AND CHANGE IN SITE CONDITIONS SHALL BE IMPLEMENTED IMMEDIATELY AT CONTRACTOR'S EXPENSE.
- 3. ALL STORM WATER POLLUTION PREVENTION PRACTICES SHALL BE INSTALLED BEFORE ANY OTHER EARTH MOVING OCCURS.
- 4. SEDIMENT BARRIERS SHALL BE INSTALLED DOWNSLOPE OF DISTURBED AREAS. SEDIMENT BARRIERS SHALL BE INSTALLED ALONG LEVEL CONTOURS. MAXIMUM CONTRIBUTING DRAINAGE AREA TO SEDIMENT BARRIERS SHALL BE PER THE CURRENT STATE'S EPA OR THE LOCAL AUTHORITY REQUIREMENTS. COMPOSITE FILTER SOCKS USED IN LIEU OF SILT FENCE SHALL BE A MINIMUM OF 12 INCHES IN DIAMETER.
- 5. SILT BARRIERS SHALL BE INSTALLED AROUND ALL EXISTING AND NEW STORM INLETS, CATCH BASINS AND YARD DRAINS. INSTALL ROCK CHECK DAMS FOR HEADWALL INLETS FOR STORM WATER POLLUTION PREVENTION.
- 6. STORM WATER POLLUTION PREVENTION MEASURES SHALL BE INSTALLED AROUND ALL DIRT OR TOPSOIL STOCKPILES AND OTHER TEMPORARILY DISTURBED AREAS AS MAY BE SHOWN ON THESE PLANS AND/OR AS DIRECTED BY THE ENGINEER OR THE LOCAL AUTHORITY HAVING JURISDICTION.
- 7. SILT BARRIERS, CONSTRUCTION ENTRANCES, AND SILT PERIMETER CONTROLS SHALL REMAIN IN PLACE UNTIL A GOOD STAND OF GRASS HAS BEEN OBTAINED AND/OR PAVING OPERATIONS ARE COMPLETE. CONTRACTOR SHALL KEEP SILT FROM ENTERING ANY STORM DRAINAGE SYSTEM. ONCE SITE HAS BEEN COMPLETELY STABILIZED, ANY SILT IN PIPES AND DRAINAGE SWALES SHALL BE REMOVED WITHIN 10 DAYS.
- 8. ALL EXISTING WATER COURSES WITHIN THE PROJECT LIMITS SHALL BE TEMPORARILY PROTECTED DURING LAND CLEARING AND GRADING OPERATIONS. SOILS WITHIN 50 FEET OF SAID WATER COURSES SHALL BE STABILIZED WITHIN 2 DAYS OF THE INITIAL CLEARING / GRADING OPERATION.
- 9. CONSTRUCTION ENTRANCE SHALL BE UTILIZED. IF CONDITIONS ARE SUCH THAT MUD IS COLLECTING ON VEHICLE TIRES, THE TIRES MUST BE CLEANED BEFORE THE VEHICLES ENTER THE PUBLIC ROADWAY. THE SITE ENTRANCE SHALL BE MAINTAINED IN A CONDITION THAT WILL PREVENT THE TRACKING OR FLOW OF MUD ONTO THE PUBLIC RIGHT-OF-WAY. ALL MATERIALS SPILLED, DROPPED, WASHED OR TRACKED FROM VEHICLES ONTO THE ROADWAY MUST BE REMOVED PROMPTLY.
- 10. IF FOR ANY REASON, THE PROJECT IS SUSPENDED, THE CONTRACTOR SHALL ENSURE THAT ALL INSTALLED EROSION MEASURES ARE FUNCTIONING AND PROPERLY MAINTAINED DURING THIS PERIOD, AND THAT ALL BARE SOILS ARE SEEDED AND MULCHED WITH TEMPORARY SEED MIXTURE.
- 11. CONCRETE WASHOUT FACILITY (IF APPLICABLE) SHALL BE CONSTRUCTED IN ACCORDANCE WITH PLAN DETAILS AND LOCAL GOVERNING AUTHORITY REGULATIONS AND INSTRUCTIONS.
- 12. IMPLEMENTATION OF EROSION AND SEDIMENT CONTROLS SHALL CONFORM TO STATE OF KENTUCKY CONSTRUCTION GENERAL PERMIT #KYR100000 AND THE CITY OF EDGEWOOD CODIFIED ORDINANCES. IF A CONFLICT EXISTS BETWEEN THE TWO REGARDING EROSION AND SEDIMENT CONTROL IMPLEMENTATION, THE MORE RESTRICTIVE SHALL APPLY.
- 13. DISTURBED AREAS WITHIN 50' OF A STREAM SHALL HAVE PERMANENT STABILIZATION APPLIED WITHIN 2 DAYS OF FINAL GRADE.
- 14. DISTURBED AREAS WHICH WILL REMAIN DORMANT FOR OVER 1 YEAR OR ARE AT FINAL GRADE SHALL HAVE PERMANENT STABILIZATION APPLIED WITHIN 7 DAYS OF LAST EARTHWORK DISTURBANCE.

INSPECTION NOTES

- 1. CONTRACTOR SHALL INSPECT ALL SWPP MEASURES DAILY AND LOGGED BY THE CONTRACTOR FOR INSPECTION. LOGGING SHALL BE WEEKLY AND AFTER EVERY 1/2" RAINFALL EVENT. REPAIR AS NECESSARY TO PREVENT EROSION. SILTATION SHALL BE REMOVED FROM AREAS WHERE FAILURES HAVE OCCURRED AND CORRECTIVE ACTION TAKEN WITHIN 24 HOURS TO MAINTAIN ALL SWPP.
- 2. CONTRACTORS INSPECTOR SHALL BE A QUALIFIED INDIVIDUAL. ONLY A QUALIFIED INSPECTION PERSONNEL IS TO PERFORM THE INSPECTIONS. SITE INSPECTIONS SHALL BE DONE WEEKLY AND WITHIN 24 HRS AFTER EVERY RAINFALL EVENT EXCEEDING 1/2" OF RAINFALL. ALL NECESSARY REPAIRS SHOULD BE IMPLEMENTED IMMEDIATELY AFTER SUCH INSPECTIONS.
- 3. CONTRACTOR'S INSPECTOR SHALL BE RESPONSIBLE FOR PREPARING AND SIGNING WEEKLY AND ALL INTERMEDIATE EROSION CONTROL INSPECTION REPORTS AFTER EVERY INSPECTION, WHICH INCLUDE BUT NOT LIMITED TO (DISTURBED AREAS, MATERIAL STORAGE AREAS, EROSION AND SEDIMENT CONTROLS; DISCHARGE LOCATIONS AND VEHICLE ENTRANCE/EXIT LOCATIONS). SUCH REPORTS SHALL BE MADE AVAILABLE TO OWNER, ENGINEER AND CITY / STATE OFFICIALS UPON THEIR REQUEST.
- 4. REPORTS SHALL BE KEPT FOR 3 YEARS AFTER TERMINATION OF THE CONSTRUCTION ACTIVITIES.
- 5. CONTRACTOR MAY SUBMIT A WAIVER REQUEST TO THE LOCAL AND STATE GOVERNING AUTHORITIES FOR A REDUCTION TO MONTHLY INSPECTIONS IF THE SITE WILL BE STABILIZED AND DORMANT FOR A LONG PERIOD, AND/OR THE RUNOFF IS UNLIKELY DUE TO WEATHER CONDITIONS FOR AN EXTENDED PERIOD OF TIME (FROZEN GROUND).
- 6. FOR BMPS THAT REQUIRE REPAIR OR MAINTENANCE NON SEDIMENT POND BMPS ARE TO BE REPAIRED WITHIN 3 DAYS OF INSPECTION AND SEDIMENT PONDS ARE TO BE REPAIRED OR CLEANED OUT WITHIN 10 DAYS OF INSPECTION.
- 7. FOR BMPS THAT DO NOT MEET THE INTENDED FUNCTION, A NEW BMP SHALL BE INSTALLED WITHIN 10 DAYS OF THE INSPECTION.
- 8. FOR MISSING BMPS REQUIRED, THE MISSING BMPS SHALL BE INSTALLED WITHIN 10 DAYS OF THE INSPECTION.

SPILLS AND CONTAMINATION

- 1. CONSTRUCTION PERSONNEL, INCLUDING SUBCONTRACTORS WHO MAY USE OR HANDLE HAZARDOUS OR TOXIC MATERIALS, SHALL BE MADE AWARE OF THE FOLLOWING GENERAL GUIDELINES REGARDING DISPOSAL AND HANDLING OF HAZARDOUS AND CONSTRUCTION WASTES:
- a. PREVENT SPILLS
- a. USE PRODUCTS UP
- b. FOLLOW LABEL DIRECTIONS FOR DISPOSAL
- REMOVE LIDS FROM EMPTY BOTTLES AND CANS WHEN DISPOSING IN TRASH
- RECYCLE WASTES WHENEVER POSSIBLE
 DON'T POUR INTO WATERWAYS, STORM DRAINS OR ONTO THE GROUND
- f. DON'T POUR DOWN THE SINK, DOOR DRAIN OR SEPTIC TANKS
- g. DON'T BURY CHEMICALS OR CONTAINERSh. DON'T BURN CHEMICALS OR CONTAINERS
- i. DON'T MIX CHEMICALS TOGETHER
- 2. ANY DISCHARGE OF PETROLEUM OR PETROLEUM PRODUCTS OF LESS THAN 25 GALLONS ONTO A PERVIOUS SURFACE SHALL BE LEGALLY REMOVED AND PROPERLY TREATED OR PROPERLY DISPOSED OF, OR OTHERWISE REMEDIATED, SO THAT NO CONTAMINATION FROM THE DISCHARGE REMAINS ON-SITE. SPILLS OF 25 GALLONS OR MORE OF PETROLEUM PRODUCTS SHALL BE REPORTED TO THE KENTUCKY EPA, THE LOCAL FIRE DEPARTMENT, AND THE LOCAL EMERGENCY PLANNING COMMITTEE WITHIN 30 MINUTES OF THE DISCOVERY OF THE RELEASE. ALL SPILLS WHICH CONTACT WATERS OF THE STATE MUST BE REPORTED TO THE CURRENT STATE'S EPA.
- 3. SPILL REPORTING REQUIREMENTS: SPILLS ON PAVEMENT SHALL BE ABSORBED WITH SAWDUST OR KITTY LITTER AND DISPOSED OF WITH THE TRASH AT A LICENSED SANITARY LAND FILL. HAZARDOUS OR INDUSTRIAL WASTES SUCH AS MOST SOLVENTS, GASOLINE, OIL-BASED PAINTS, AND CEMENT CURING COMPOUNDS REQUIRE SPECIAL HANDLING. SPILLS SHALL BE REPORTED TO THE KENTUCKY EPA.
- 4. CONTAINERS SHALL BE PROVIDED FOR THE PROPER COLLECTION OF ALL WASTE MATERIAL INCLUDING CONSTRUCTION DEBRIS, TRASH, PETROLEUM PRODUCTS AND ANY HAZARDOUS MATERIALS USED ON-SITE. CONTAINERS SHALL BE COVERED AND NOT LEAKING. ALL WASTE MATERIAL SHALL BE DISPOSED OF AT FACILITIES APPROVED FOR THAT MATERIAL. CONSTRUCTION DEMOLITION AND DEBRIS (CD&D) WASTE MUST BE DISPOSED OF AT THE KENTUCKY APPROVED CD&D LAND FILL.
- 5. PROCESS WASTE WATER/LEACHATE MANAGEMENT: EPA'S CONSTRUCTION GENERAL PERMIT ONLY ALLOWS THE DISCHARGE OF STORM WATER AND DOES NOT INCLUDE OTHER WASTE STREAMS/DISCHARGES SUCH AS VEHICLE AND/OR EQUIPMENT WASHING, ON-SITE SEPTIC LEACHATE CONCRETE WASH OUTS, WHICH ARE CONSIDERED PROCESS WASTEWATERS. ALL PROCESS WASTEWATERS MUST BE COLLECTED AND PROPERLY DISPOSED AT AN APPROVED DISPOSAL FACILITY. IN THE EVENT, LEACHATE OR SEPTAGE IS DISCHARGED; IT MUST BE ISOLATED FOR COLLECTION AND PROPER DISPOSAL AND CORRECTIVE ACTIONS TAKEN TO ELIMINATE THE SOURCE OF WASTE WATER.
- 6. WASTES GENERATED BY CONSTRUCTION ACTIVITIES (I.E. CONSTRUCTION MATERIALS SUCH AS PAINTS, SOLVENTS, FUELS, CONCRETE, WOOD, ETC) MUST BE DISPOSED OF IN ACCORDANCE WITH LOCAL REGULATIONS. HAZARDOUS AND TOXIC SUBSTANCES ARE USED ON VIRTUALLY ALL CONSTRUCTION SITES. GOOD MANAGEMENT OF THESE SUBSTANCES IS ALWAYS NEEDED.
- 7. NO CONSTRUCTION RELATED WASTE MATERIALS ARE TO BE BURIED OR BURNED ON-SITE.
- 8. HANDLING CONSTRUCTION CHEMICALS: MIXING, PUMPING, TRANSFERRING OR OTHER HANDLING OF CONSTRUCTION CHEMICALS SUCH AS FERTILIZER, LIME, ASPHALT, CONCRETE DRYING COMPOUNDS, AND ALL OTHER POTENTIALLY HAZARDOUS MATERIALS SHALL BE PERFORMED IN AN AREA AWAY FROM ANY WATERCOURSE, DITCH OR STORM DRAIN.
- 9. EQUIPMENT FUELING AND MAINTENANCE, OIL CHANGING, ETC., SHALL BE PERFORMED AWAY FROM WATERCOURSES, DITCHES OR STORM DRAINS, IN AN AREA DESIGNATED FOR THAT PURPOSE. THE DESIGNATED AREA SHALL BE EQUIPPED FOR RECYCLING OIL AND CATCHING SPILLS. SECONDARY CONTAINMENT SHALL BE PROVIDED FOR ALL FUEL OIL STORAGE TANKS. THESE AREAS MUST BE INSPECTED EVERY SEVEN DAYS AND WITHIN 24 HRS. OF A 0.5 INCH OR GREATER RAIN EVENT TO ENSURE THERE ARE NO EXPOSED MATERIALS WHICH WOULD CONTAMINATE STORM WATER. SITE OPERATORS MUST BE AWARE THAT SPILL PREVENTION CONTROL AND COUNTERMEASURES (SPCC) REQUIREMENTS MAY APPLY. AN SPCC PLAN IS REQUIRED FOR SITES WITH ONE SINGLE ABOVE GROUND TANK OF 660 GALLONS OR MORE, ACCUMULATIVE ABOVE GROUND STORAGE OF 1330 GALLONS OR MORE, OR 42,000 GALLONS OF UNDERGROUND STORAGE. CONTAMINATED SOILS MUST BE PROPERLY DISPOSED OF IN ACCORDANCE WITH LOCAL GOVERNING AUTHORITY REGULATIONS. SPCC PLAN AND APPROVALS ARE THE RESPONSIBILITY OF THE CONTRACTOR.
- 10. CONTAMINATED SOILS: IF SUBSTANCES SUCH AS OIL, DIESEL FUEL, HYDRAULIC FLUID, ANTIFREEZE, ETC. ARE SPILLED, LEAKED, OR RELEASED ONTO THE SOIL, THE SOIL SHOULD BE DUG UP AND DISPOSED OF AT LICENSED SANITARY LAND FILL OR OTHER APPROVED PETROLEUM CONTAMINATED SOIL REMEDIATION FACILITY (NOT A CONSTRUCTION / DEMOLITION DEBRIS LAND FILL). NOTE THOSE STORM WATER RUNOFFS ASSOCIATED WITH CONTAMINATED SOILS ARE NOT BE AUTHORIZED UNDER CURRENT REGULATIONS OF CONSTRUCTION ACTIVITIES.
- 11. CONTRACTOR SHALL TAKE PREVENTIVE MEASURES FOR WATER DISCHARGES FROM CONTAMINATED SOILS BY ANY MEANS POSSIBLE, INCLUDING THE FOLLOWING:
 11.1. THE USE OF BERMS, TRENCHES, AND PITS TO COLLECT CONTAMINATED RUNOFF AND
- PREVENT DISCHARGES.

 11.2. PUMPING RUNOFF INTO A SANITARY SEWER (WITH PRIOR WRITTEN APPROVAL OF THE SANITARY SEWER SERVICE OPERATOR) OR INTO A CONTAINER FOR TRANSPORT TO AN APPROPRIATE TREATMENT/DISPOSAL FACILITY.
- 11.3. COVERING AREAS OF CONTAMINATION WITH TARPS OR OTHER METHODS THAT PREVENT STORMWATER FROM COMING INTO CONTACT WITH CONTAMINATED MATERIALS.

TEMPORARY SEEDING

- 1. STRUCTURAL EROSION AND SEDIMENT CONTROL PRACTICES SUCH AS DIVERSIONS AND SEDIMENT TRAPS SHALL BE INSTALLED AND STABILIZED WITH TEMPORARY SEEDING PRIOR TO GRADING THE REST OF THE CONSTRUCTION SITE.
- 2. TEMPORARY SEEDING / STABILIZATION SHALL BE APPLIED WITHIN THE FOLLOWING TIME FRAMES FOR VARIOUS AREAS OF THE SITE:
- 2.1. ANY DISTURBED AREA WITHIN 50 FEET OF A WATERCOURSE AND NOT AT FINAL GRADE SHALL BE SEEDED AND MULCHED WITHIN 2 DAYS OF THE MOST RECENT DISTURBANCE, IF THAT AREA WILL REMAIN IDLE FOR MORE THAN 14 DAYS.
- 2.2. ALL CONSTRUCTION ACTIVITIES IN ANY DISTURBED AREA, INCLUDING SOIL STOCKPILES THAT WILL BE IDLE FOR MORE THAN 14 DAYS BUT LESS THAN ONE YEAR, AND NOT WITHIN 50 FEET OF A WATERCOURSE SHALL BE SEEDED AND MULCHED WITHIN 7 DAYS OF THE MOST RECENT DISTURBANCE IN THE AREA.
- 2.3. DISTURBED AREAS THAT WILL BE IDLE OVER THE WINTER SHALL BE SEEDED AND MULCHED PRIOR TO NOVEMBER 1.
- 3. THE SEED BED SHOULD BE PULVERIZED AND LOOSE TO ENSURE THE SUCCESS OF ESTABLISHING VEGETATION. TEMPORARY SEEDING SHOULD NOT BE POSTPONED IF IDEAL SEED BED PREPARATION IS NOT POSSIBLE.
- 4. TEMPORARY VEGETATION SEEDING RATES SHALL ESTABLISH ADEQUATE STANDS OF VEGETATION, WHICH MAY REQUIRE USE OF SOIL AMENDMENTS. BASE RATES FOR LIME AND FERTILIZER SHALL BE USED.
- 5. ALL SEED MIXES AND SEEDING RATES USED SHALL BE APPROVED BY THE LOCAL GOVERNING AUTHORITY AND THE OWNER.
- 6. SEED SHALL BE APPLIED UNIFORMLY WITH A CYCLONE SPREADER, DRILL, CULTIPACKER, SEEDER, OR HYDROSEEDER. WHEN FEASIBLE, SEED THAT HAS BEEN BROADCAST SHALL BE COVERED BY RAKING OR DRAGGING AND THEN LIGHTLY TAMPED INTO PLACE USING A ROLLER OR CULTIPACKER. IF HYDROSEEDING IS USED, THE SEED AND FERTILIZER WILL BE MIXED ON-SITE AND THE SEEDING SHALL BE DONE IMMEDIATELY AND WITHOUT INTERRUPTION.
- 7. APPLICATIONS OF TEMPORARY SEEDING SHALL INCLUDE MULCH, WHICH SHALL BE APPLIED DURING OR IMMEDIATELY AFTER SEEDING. SEEDINGS MADE DURING OPTIMUM SEEDING DATES ON FAVORABLE, VERY FLAT SOIL CONDITIONS MAY NOT NEED MULCH TO ACHIEVE ADEQUATE STABILIZATION. IF MULCH IS USED, FOLLOW THE REQUIREMENTS AND INSTRUCTIONS IN THE MULCH APPLICATION.

MULCE

1. MULCH AND OTHER APPROPRIATE VEGETATIVE PRACTICES SHALL BE APPLIED TO DISTURBED AREAS WITHIN 7 DAYS OF GRADING IF THE AREA IS TO REMAIN DORMANT (UNDISTURBED) FOR MORE THAN 21 DAYS OR ON AREAS AND PORTIONS OF THE SITE WHICH CAN BE BROUGHT TO FINAL GRADE.

2. MULCH SHALL CONSIST OF ONE OF THE FOLLOWING:

- 2.1. STRAW SHALL BE UNROTTED SMALL GRAIN STRAW APPLIED AT THE RATE OF 2 TONS/AC. OR 90 LB./1,000 SQ. FT. (TWO TO THREE BALES) THE STRAW MULCH SHALL BE SPREAD UNIFORMLY BY HAND OR MECHANICALLY SO THE SOIL SURFACE IS COVERED. FOR UNIFORM DISTRIBUTION OF HAND-SPREAD MULCH, DIVIDE AREA INTO APPROXIMATELY 1,000 SQ. FT. SECTIONS AND PLACE TWO 45-LB BALES OF STRAW IN EACH SECTION.
- 2.2. WOOD CELLULOSE FIBER SHOULD BE USED AT 2,000 LB.AC, OR 46 LB/1,000 SQ. FT.
 2.3. ACCEPTABLE MULCHES INCLUDE MULCH MATTINGS AND ROLLED EROSION CONTROL
 PRODUCTS APPLIED ACCORDING TO MANUFACTURER'S RECOMMENDATIONS OR WOO
- PRODUCTS APPLIED ACCORDING TO MANUFACTURER'S RECOMMENDATIONS OR WOOD MULCH/CHIPS APPLIED AT 10-20 TONS/AC.
- 3.1. USE A DISK, CRIMPER, OR SIMILAR TYPE TOOL SET STRAIGHT TO PUNCH OR ANCHOR THE MULCH MATERIAL INTO THE SOIL. STRAW MECHANICALLY ANCHORED SHALL NOT BE FINELY CHOPPED BUT BE LEFT GENERALLY LONGER THAN 6 INCHES.
 3.2. USE MULCH NETTINGS ACCORDING TO THE MANUFACTURER'S RECOMMENDATIONS,
- FOLLOWING ALL PLACEMENT AND ANCHORING REQUIREMENTS. USE IN AREAS OF WATER CONCENTRATION AND STEEP SLOPES TO HOLD MULCH IN PLACE.

 3.3. FOR STRAW MULCH, SYNTHETIC BINDERS SUCH AS ACRYLIC DLR (AGRI-TAC), DCA-70, PETROSET, TERRA TACK OR EQUAL MAY BE USED AT RATES RECOMMENDED BY THE MANUFACTURER. ALL APPLICATIONS OF SYNTHETIC BINDERS MUST BE CONDUCTED IN
- SUCH A MANNER WHERE THERE IS NO CONTACT WITH WATERS OF THE STATE.

 3.4. WOOD CELLULOSE FIBER MAY BE USED FOR ANCHORING STRAW. THE FIBER BINDER SHALL BE APPLIED AT A NET DRY WEIGHT OF 750 LB/AC. THE WOOD CELLULOSE FIBER SHALL BE MIXED WITH WATER AND THE MIXTURE SHALL CONTAIN A MAXIMUM OF 50 LB/100 GAL. OF WOOD CELLULOSE FIBER.

DUST CONTROL NOTES

- 1. DUST CONTROL SHALL BE MAINTAINED THROUGHOUT CONSTRUCTION. IF POSSIBLE GRADING SHALL BE DONE BY PHASING IN ORDER TO MINIMIZE THE AMOUNT OF LAND DISTURBANCE AT ONE TIME. IF PHASING IS NOT AN OPTION, DUST SHALL BE CONTROLLED WITH WATER DURING EARTHWORK OPERATIONS. AFTER EARTHWORK OPERATIONS, THE EXPOSED SOILS SHALL BE COVERED WITH STRAW OR MULCH UNTIL SEEDED.
- 2. DUST CONTROL OR DUST SUPPRESSANTS MAY BE USED TO PREVENT NUISANCE CONDITIONS WHEN APPROVED BY THE LOCAL AUTHORITY HAVING JURISDICTION. WHEN USED, SUPPRESSANTS SHALL BE APPLIED IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS AND IN A MANNER, WHICH PREVENTS A DISCHARGE TO WATERS OF THE STATE. SUFFICIENT DISTANCE MUST BE PROVIDED BETWEEN APPLICATIONS AND NEARBY BRIDGES, CATCH BASINS, AND OTHER WATERWAYS. APPLICATION (EXCLUDING WATER) MAY NOT OCCUR WHEN RAIN IS IMMINENT AS NOTED IN THE SHORT TERM FORECAST. OIL MAY NOT BE APPLIED FOR DUST CONTROL.
- 3. SUGGESTED METHODS OF CONSTRUCTION DUST CONTROL MAY INCLUDE THE FOLLOWING:
 3.1. CONSTRUCTION SEQUENCING AND DISTURBING ONLY SMALL AREAS AT A TIME CAN GREATLY REDUCE PROBLEMATIC DUST FROM THE SITE. IF LAND MUST BE DISTURBED, ADDITIONAL TEMPORARY STABILIZATION MEASURES SHOULD BE CONSIDERED PRIOR TO DISTURBANCES.
- 3.2. APPLY TEMPORARY OR PERMANENT SEEDING AND MULCH TO AREAS THAT WILL REMAIN IDLE FOR OVER 14 DAYS. SAVING EXISTING TREES AND LARGE SHRUBS WILL ALSO REDUSE SOIL AND AIR MOVEMENT ACROSS DISTURBED AREAS.
- 3.3. SPRAY DISTURBED SITE WITH WATER UNTIL THE SURFACE IS WET BEFORE AND DURING GRADING AND REPEAT AS NEEDED, ESPECIALLY ON HAUL ROADS AND OTHER HEAVY TRAFFIC ROUTES. WATERING SHALL BE DONE AT A RATE THAT PREVENTS DUST BUT DOES NOT CAUSE SOIL EROSION. WETTING AGENTS MAY BE UTILIZED ACCORDING TO MANUFACTURERS INSTRUCTIONS.
- 3.4. GRADED ROADWAYS AND OTHER SUITABLE AREAS MAY BE STABALIZED USING CRUSHED STONE OR COARSE GRAVEL AS SOON AS PRACTICABLE AFTER REACHING AN INTERIM OR FINAL GRADE. CRUSHED STONE OR COARSE GRAVEL CAN BE USED AS A PERMANENT COVER TO PROVIDE CONTROL OF SOIL EMISSIONS.
- 3.5. EXISTING WINDBREAK VEGETATION SHALL BE MARKED AND PRESERVED TO THE EXTENT POSSIBLE. SNOW FENCING OR OTHER SUITABLE BARRIER MAY BE PLACED PERPENDICULAR TO PREVAILING AIR CURRENTS AT INTERVALS OF ABOUT 15 TIMES THE BARRIER HEIGHTS TO CONTROL AIR CURRENTS AND BLOWING SOIL.
- 3.6. WHEN TEMPORARY DUST CONTROL MEASURES ARE USED; REPETITIVE TREATMENT
- SHOULD BE APPLIED AS NEED TO ACCOMPLISH SATISFACTORY CONTROL.

 3.7. PAVED AREAS THAT HAVE ACCUMULATED SEDIMENT FROM CONSTRUCTION SHOULD BE CLEANED DAILY, OR AS NEEDED, UTILIZING A STREET SWEEPER OR BUCKET-TYPE ENDLOADER OR SCRAPER.

DEWATERING

DEWATERING REFERS TO THE ACT OF REMOVING AND DISCHARGING WATER FROM EXCAVATED AREAS ON CONSTRUCTION SITES, UTILITY LINE CONSTRUCTION OR FROM SEDIMENT TRAPS OR BASINS ON CONSTRUCTION SITES. GIVEN THE UNIQUE CONDITIONS AT ANY PARTICULAR CONSTRUCTION SITE, ANY OR ALL OF THE PRACTICES MAY APPLY. IN ALL CASES, EVERY EFFORT SHALL BE MADE TO ELIMINATE SEDIMENT POLLUTION ASSOCIATED WITH DEWATERING.

PRACTICES FOR DEWATERING EXCAVATED AREAS

- PUMPING OF WATER TO AN EXISTING SEDIMENT BASIN OR TRAP IN WHICH THE ENTIRE VOLUME OF WATER FROM THE AREA TO BE DEWATERED CAN BE CONTAINED WITHOUT DISCHARGE TO RECEIVING WATERS.
- 2. PUMPING OF WATER TO AN EXISTING SEDIMENT BASIN OR TRAP SUCH THAT THE ENTIRE VOLUME OF WATER FROM THE AREA TO BE DEWATERED CAN BE MANAGED WITHOUT EXCEEDING THE DESIGN OUTFLOW FROM THE SEDIMENT CONTROL STRUCTURE.
- 3. USE OF A STRAW BALE/SILT FENCE PIT OR TRAP AS DESCRIBED HEREIN AND APPROVED BY THE LOCAL GOVERNING AUTHORITY.
- PUMPING WATER THROUGH A GEOTEXTILE BAG MADE SPECIFICALLY FOR THIS PURPOSE.
 A WELL-VEGETATIVE FILTER STRIP, CAPABLE OF WITHSTANDING THE VELOCITY OF DISCHARGED WATER WITHOUT ERODING, INCLUDING THE INSTALLATION OF ENERGY

DISSIPATION (HAYBALES, RIPRAP OR SHEET OF PLYWOOD) AT THE PUMP DISCHARGE.

6. USE A SUMP PIT TO REDUCE THE PUMPING OF MUD.

DEWATERING OF SEDIMENT TRAPS AND BASINS. IN ALL CASES, WATER REMOVED FROM TRAPS AND BASINS SHALL BE DISCHARGED SO THAT IT PASSES THROUGH A SEDIMENT CONTROL DEVICE APPROVED BY THE LOCAL GOVERNING AUTHORITY PRIOR TO ENTERING RECEIVING WATERS. PRACTICES FOR DEWATERING OF TRAPS AND BASINS MAY INCLUDE SOME OR ALL OF THE FOLLOWING AS MAY BE APPROVED AND APPLICABLE. IN ALL CASES, THE DEWAERING OPERATIONS UTILIZED MUST BE CONTINUOUSLY MONITORED BY THE CONTRACTOR.

1. USE OF A STRAW BALE/SILT FENCE PIT OR TRAP.

- 1.1. AN EXCAVATED BASIN (APPLICABLE TO "STRAW BALE/SILT FENCE PIT") MAY BE LINED WITH FILTER FABRIC TO HELP REDUCE SCOUR AND TO PREVENT EROSION OF SOIL FROM WITHIN THE STRUCTURE. IT MAY ALSO BE HELPFUL TO DIRECT THE DISCHARGE ONTO A HAY OR STRAW BALE OR RIPRAP.
- 1.2. MEASURES SHALL CONSIST OF STRAW BALES, SILT FENCE AND A STONE OUTLET CONSISTING OF A COMBINATION OF 4-8 INCH RIPRAP AND ½ TO 2 INCH AGGREGATE AND A WET STORAGE PIT ORIENTED AS SHOWN IN DRAWING.
- A WET STORAGE PIT ORIENTED AS SHOWN IN DRAWING.

 1.3. THE EXCAVATED AREA SHOULD BE A MINIMUM OF 3 FEET BELOW THE BASE OF THE
- PERIMETER MEASURES (STRAW BALES OR SILT FENCE).

 1.4. ONCE THE WATER LEVEL NEARS THE CREST OF THE STONE WEIR (EMERGENCY OVERFLOW), THE PUMP MUST BE STOPPED WHILE THE STRUCTURE DRAINS DOWN TO
- THE ELEVATION OF THE WET STORAGE.

 1.5. THE WET STORAGE PIT MAY BE DEWATERED ONLY AFTER A MINIMUM OF 6 HOURS OF SEDIMENT SETTLING TIME. THIS EFFLUENT SHOULD BE PUMPED ACROSS A WELL-VEGETATED AREA OR THROUGH A SILT FENCE PRIOR TO ENTERING A
- WATERCOURSE.

 1.6. ONCE THE DEVICE HAS BEEN REMOVED, GROUND CONTOURS SHALL BE RETURNED TO ORIGINAL CONDITION.
- 2. PUMPING WATER THROUGH A GEOTEXTILE BAG MADE SPECIFICALLY FOR THIS PURPOSE.
 2.1. THE BAG SHALL BE INSTALLED ON A VERY SLIGHT SLOPE SO INCOMING WATER FLOWS
- DOWNHILL THROUGH THE BAG WITHOUT CREATING MORE EROSION.

 2.2. THE INLET OPENING OF THE DEWATERING DEVICE SHALL HAVE A FILL SPOUT LARGE
- ENOUGH TO ACCOMMODATE THE DISCHARGE HOSE AND SHALL USE TWO STAINLESS STEEL STRAPS TO SECURE THE HOSE AND PREVENT PUMPED WATER FROM ESCAPING WITHOUT BEING FILTERED.
- 2.3. THE BAG SHOULD BE PLACED ON AN AGGREGATE OR HAY BALE BED TO MAXIMIZE WATER FLOW THROUGH THE ENTIRE SURFACE AREA OF THE BAG.
- 2.4. THE FILTER BAG IS FULL WHEN IT NO LONGER CAN EFFICIENTLY FILTER SEDIMENT OR
- PASS WATER AT A REASONABLE RATE.

 2.5. FLOW RATES VARY DEPENDING ON THE SIZE OF THE DEWATERING DEVICE, AMOUNT OF SEDIMENT DISCHARGED INTO THE DEWATERING DEVICE, THE TYPE OF GROUND, ROCK, OR OTHER SUBSTANCE UNDER THE BAG AND THE DEGREE OF THE SLOPE ON WHICH THE BAG LIES. THE FILTER BAG SHOULD BE SIZED TO ACCOMMODATE THE ANTICIPATED FLOW
- RECOMMENDATIONS FOR PUMPING FLOW RATES.

 2.6. THE FILTER BAG CAN BE LEFT IN PLACE AFTER CUTTING THE TOP OFF AND SEEDING AND MULCHING THE ACCUMULATED SEDIMENT OR REMOVED AND DISPOSED OF OFFSITE IN AN APPROVED LANDFILL.

RATES FROM THE TYPE OF PUMP USED. IN ALL CASES FOLLOW THE MANUFACTURERS

- 3. A WELL-VEGETATIVE FILTER STRIP, CAPABLE OF WITHSTANDING THE VELOCITY OF DISCHARGED WATER WITHOUT ERODING, INCLUDING THE INSTALLATION OF ENERGY DISSIPATION (HAYBALES, RIPRAP OR SHEET OF PLYWOOD) AT THE PUMP DISCHARGE. SUCH OTHER METHODS AS MAY BE APPROVED BY THE LOCAL GOVERNING AUTHORITY.
- 4. REGARDLESS OF THE TYPE OF TREATMENT, ALWAYS USE A FLOATING SUCTION HOSE TO PUMP THE CLEANER WATER FROM THE TOP OF THE POND. AS THE CLEANER WATER IS PUMPED, THE SUCTION HOSE WILL LOWER AND EVENTUALLY ENCOUNTER SEDIMENT-LADEN WATER. AT THIS POINT CEASE PUMPING OPERATIONS AND REMOVE THE REMAINDER OF THE TRAPPED SEDIMENT WITH MACHINERY. EVEN WHEN PUMPING FROM THE TOP OF THE WATER COLUMN, PROVISIONS MUST STILL BE MADE TO FILTER WATER AS REQUIRED IN THIS SECTION PRIOR TO DISCHARGING TO A STREAM. DURING THE DEWATERING, PERSONNEL SHOULD BE ASSIGNED TO MONITOR PUMPING OPERATIONS AT ALL TIMES TO ENSURE THAT SEDIMENT POLLUTION IS ABATED. PUMPING SEDIMENT-LADEN WATER INTO THE WATERS OF THE STATE WITHOUT FILTRATION IS PROHIBITED.
- 5. THE DEWATERING DEVICE MUST BE SIZED (AND OPERATED) TO ALLOW PUMPED WATER TO FLOW THROUGH THE FILTERING APPARATUS WITHOUT EXCEEDING THE CAPACITY OF THE



CAUTION: IF THIS SHEET IS NOT 22"x34" IT IS A REDUCED PRINT

520 South Main Street, Suite 2531 Akron, OH 44311 330.572.2100 Fax 330.572.2101

DATE	REMARKS

END 20

2020188.06

CONTRACT DATE:
BUILDING TYPE:

BRAND DESIGNER:
SITE NUMBER:

PLAN VERSION:

STORE NUMBER
PA/PM:

DRAWN BY

JOB NO.: 2
TACO BELL

3039 DIXIE HWY. EDGEWOOD, KY 41017



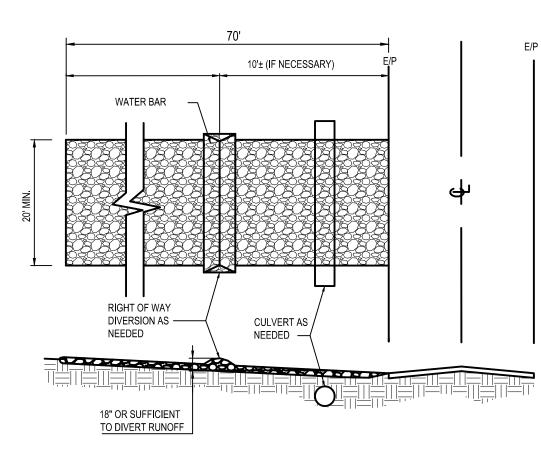
SWPP

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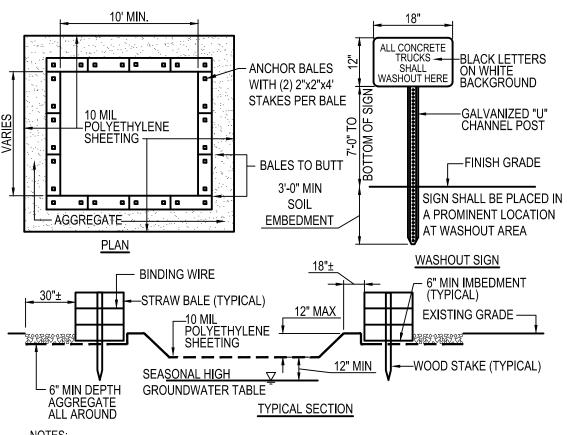
PLOT DATE

CONSTRUCTION ENTRANCE NOTES

- 1. STONE SIZE NO. 2 STONE SHALL BE USED, OR RECYCLED CONCRETE EQUIVALENT.
- 2. THE CONSTRUCTION ENTRANCE SHALL COINCIDE WITH THE PROPOSED DRIVE AS SHOWN ON THE PLAN.
- 3. PAVEMENT THICKNESS STONE LAYER SHALL BE 6" THICK FOR STANDARD DUTY ACTIVITY AND 10" THICK FOR HEAVY DUTY ACTIVITY.
- 4. DRIVEWAY WIDTH THE ENTRANCE SHALL BE AT LEAST 20' WIDE. CONTRACTOR SHALL ENSURE ALL VEHICLES UTILIZE THE CONSTRUCTION ENTRANCE UNTIL PAVEMENT IS IN
- 5. BEDDING-A GEOTEXTILE SHALL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING STONE. IT SHALL BE COMPOSED OF STRONG ROT-PROOF POLYMERIC FIBERS AND MEET THE SPECIFICATIONS SHOWN BELOW.
- 6. CULVERT-A PIPE OR CULVERT SHALL BE CONSTRUCTED UNDER THE ENTRANCE IF NEEDED TO PREVENT SURFACE WATER FLOWING ACROSS THE ENTRANCE OR TO PREVENT RUNOFF FROM BEING DIRECTED OUT ONTO PAVED SURFACES.
- 7. WATER BAR A WATER BAR SHALL BE CONSTRUCTED AS PART OF THE CONSTRUCTION ENTRANCE IF NEEDED TO PREVENT SURFACE RUNOFF FROM FLOWING THE LENGTH OF THE CONSTRUCTION ENTRANCE AND OUT ONTO PAVED SURFACES.
- 8. MAINTENANCE TOP DRESSING OF ADDITIONAL STONE SHALL BE APPLIED AS CONDITIONS DEMAND. MUD SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC ROADS, OR ANY SURFACE WHERE RUNOFF IS NOT CHECKED BY SEDIMENT CONTROLS, SHALL BE REMOVED IMMEDIATELY. REMOVAL SHALL BE ACCOMPLISHED BY SCRAPING OR SWEEPING.
- CONSTRUCTION ENTRANCES SHALL NOT BE RELIED UPON TO REMOVE MUD FROM VEHICLES AND PREVENT OFF SITE TRACKING. VEHICLES THAT ENTER AND LEAVE THE CONSTRUCTION SHALL BE RESTRICTED FROM MUDDY AREAS.
- 10. THE ENTRANCE SHALL REMAIN IN PLACE UNTIL THE DISTURBED AREA IS STABILIZED OR REPLACED WITH A PERMANENT ROADWAY OR ENTRANCE.

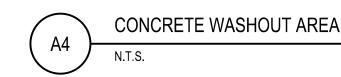






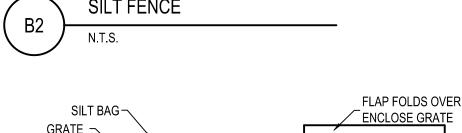
- CONTAINMENT MUST BE STRUCTURALLY SOUND AND LEAK FREE AND CONTAIN ALL LIQUID WASTES 2. CONTAINMENT DEVICES MUST BE OF SUFFICIENT QUANTITY OR VOLUME TO COMPLETELY CONTAIN
- THE LIQUID WASTES GENERATED. 3. WASHOUT MUST BE CLEANED OR NEW FACILITIES CONSTRUCTED AND READY TO USE ONCE

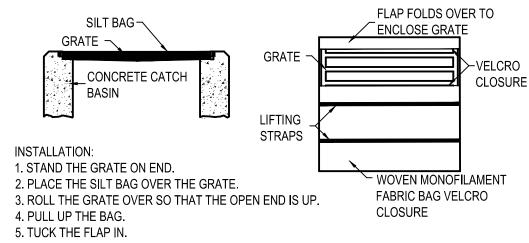
- WASHOUT IS 75% FULL.
- 4. WASHOUT AREA(S) SHALL BE INSTALLED IN A LOCATION EASILY ACCESSIBLE BY CONCRETE TRUCKS. 5. ONE OR MORE AREAS MAY BE INSTALLED ON THE CONSTRUCTION SITE AND MAY BE RELOCATED AS CONSTRUCTION PROGRESSES.
- 6. AT LEAST WEEKLY REMOVE ACCUMULATION OF SAND AND AGGREGATE AND DISPOSE OF PROPERLY.



------ 10" MAXIMUM ------LEVEL CONTOUR NO SLOPE ______ **ELEVATION** FLAT SLOPE IN FRONT OF BARRIER 16" MINIMUM 34" MINIMUM 5' MINIMUM TRENCH TO BE BACKFILLED AND COMPACTED SECTION WRAP GEOTEXTILE AROUND STAKES

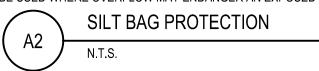
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FABRIC PROPERTIES	VALUES	TEST METHOD
MINIMUM TENSILE STRENGTH	120 LB. MINIMUM	ASTM D 4632
MINIMUM BURST STRENGTH	200 PSI MINIMUM	
MINIMUM PERMITTNITY	1x10-2sec-1	ASTM D 4491
APPARENT OPENING SIZE	AOS < 0.84 mm	ASTM D 4751
UV EXPOSURE STRENGTH RETENTIOL	70%	ASTM G 4335
MAXIMUM ELONGATION AT 60 LBS.	50%	ASTM D 4632
MINIMUM PUNCTURE STRENGTH	50 LBS (220N)	ASTM D 4833
MINIMUM TEAR STRENGTH	40 LBS (180N)	ASTM D 4533





- THE SILT BAG WILL NOT WORK PROPERLY.
- INTO THE CATCH BASIN FRAME.

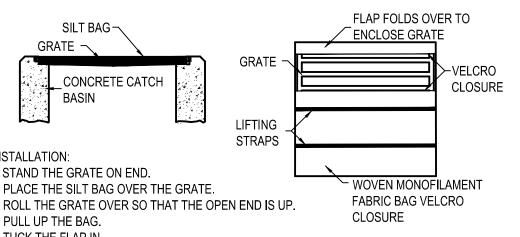
MAINTENANCE: AND THE VICINITY OF THE UNIT WITH A SQUARE POINT SHOVEL OR STIFF BRISTLE BROOM AWAY FROM ENVIRONMENTALLY SENSITIVE AREAS AND WATERWAYS IN MANNER BAG AS NEEDED. DISPOSE OF SILT BAG NO LONGER IN USE AT AN APPROPRIATE RECYCLING OR SOLID WASTE FACILITY.



BEFORE DRIVING JOINING SECTIONS OF SILT FENCE

ITERIA FOR	GEOTEXTILE FA	ABRIC SILT FENCE	, PER CURRENT	STATE'S DOT SF	PECIFICATIONS.

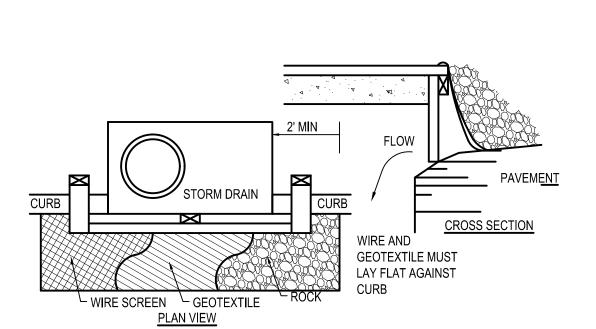
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_		



- 6. PRESS THE VELCRO STRAPS TOGETHER. 7. BE SURE THAT THE END OF THE GRATE IS COMPLETELY COVERED BY THE FLAP OR
- 8. HOLDING THE HANDLES, CAREFULLY PLACE THE SILT BAG WITH THE GRATE INSERTED
- TO ENSURE PROPER OPERATION REMOVE SILT, SEDIMENT, AND DEBRIS FROM THE SURFACE SATISFACTORY TO THE ENGINEER/INSPECTOR. REMOVE FINE MATERIAL FROM INSIDE SILT

TO INSPECT INLET, REMOVE SILT BAG WITH GRATE INSIDE, INSPECT CATCH BASIN AND REPLACE SILT BAG BACK INTO GRATE FRAME.

PONDING IS LIKELY IF SEDIMENT IS NOT REMOVED REGULARLY. THE SILT BAG MUST NEVER BE USED WHERE OVERFLOW MAY ENDANGER AN EXPOSED SLOPE.



1. INLET PROTECTION SHALL BE CONSTRUCTED EITHER BEFORE UPSLOPE LAND DISTURBANCE

BEGINS OR BEFORE THE INLET BECOMES FUNCTIONAL 2. CONSTRUCT A WOODEN FRAME OF 2-BY-4-IN. CONSTRUCTION-GRADE LUMBER. THE END SPACERS SHALL BE A MINIMUM OF 1 FT. BEYOND BOTH ENDS OF THE THROAT OPENING. THE ANCHORS

SHALL BE NAILED TO 2-BY-4-IN. STAKES DRIVEN ON THE OPPOSITE SIDE OF THE CURB. 3. THE WIRE MESH SHALL BE OF SUFFICIENT STRENGTH TO SUPPORT FABRIC AND STONE. IT SHALL BE A CONTINUOUS PIECE WITH A MINIMUM WIDTH OF 30 IN. AND 4 FT. LONGER THAN THE THROAT

LENGTH OF THE INLET, 2 FT. ON EACH SIDE. 4. GEOTEXTILE CLOTH SHALL HAVE AN EQUIVALENT OPENING SIZE (EOS) OF 20-40 SIEVE AND BE RESISTANT TO SUNLIGHT. IT SHALL BE AT LEAST THE SAME SIZE AS THE WIRE MESH.

5. THE WIRE MESH AND GEOTEXTILE CLOTH SHALL BE FORMED TO THE CONCRETE GUTTER AND

AGAINST THE FACE OF THE CURB ON BOTH SIDES OF THE INLET AND SECURELY FASTENED TO THE 6. TWO-INCH STONE SHALL BE PLACED OVER THE WIRE MESH AND GEOTEXTILE IN SUCH A MANNER

AS TO PREVENT WATER FROM ENTERING THE INLET UNDER OR AROUND THE GEOTEXTILE CLOTH. 7. THIS TYPE OF PROTECTION MUST BE INSPECTED FREQUENTLY AND THE STONE AND/OR GEOTEXTILE REPLACED WHEN CLOGGED WITH SEDIMENT.

CURB INLET PROTECTION

1) SILT FENCE SHALL BE CONSTRUCTED BEFORE UPSLOPE LAND DISTURBANCE BEGINS.

2) ALL SILT FENCE SHALL BE PLACED AS CLOSE TO THE CONTOUR AS POSSIBLE SO THAT

4) WHERE POSSIBLE, SILT FENCE SHALL BE PLACED ON THE FLATTEST AREA AVAILABLE.

6) THE HEIGHT OF THE SILT FENCE SHALL BE A MINIMUM OF 16 IN. ABOVE THE ORIGINAL

WITHIN 7 DAYS FROM THE INSTALLATION OF THE SILT FENCE.

DISSIPATED ALONG ITS LENGTH.

GROUND SURFACE.

AND SECURELY SEALED.

SPACING SHALL NOT EXCEED 6 FEET.

BACKFILLED AND COMPACTED.

OR WIRED DIRECTLY TO THE POSTS.

NOT BE STAPLED TO EXISTING TREES.

REMOVED.

WATER WILL NOT CONCENTRATE AT LOW POINTS IN THE FENCE AND SO THAT SMALL SWALES OR DEPRESSIONS WHICH MAY CARRY SMALL CONCENTRATED FLOWS TO THE SILT FENCE ARE

3) TO PREVENT WATER PONDED BY THE SILT FENCE FROM FLOWING AROUND THE ENDS, EACH END SHALL BE CONSTRUCTED UPSLOPE SO THAT THE ENDS ARE AT A HIGHER ELEVATION.

5) WHERE POSSIBLE, VEGETATION SHALL BE PRESERVED FOR 5 FT. (OR AS MUCH AS POSSIBLE)

UPSLOPE FROM THE SILT FENCE. IF VEGETATION IS REMOVED, IT SHALL BE REESTABLISHED

7) THE FILTER FABRIC SHALL BE PURCHASED IN A CONTINUOUS ROLL CUT TO THE LENGTH OF THE BARRIER TO AVOID THE USE OF JOINTS. WHEN JOINTS ARE NECESSARY, FILTER CLOTH

SHALL BE SPLICED TOGETHER ONLY AT A SUPPORT POST, WITH A MINIMUM 6 INCH OVERLAP,

8) POSTS SHALL BE A MINIMUM OF 5 FEET LONG, 2 INCHES IN DIAMETER AND SPACED A

MAXIMUM OF 10 FEET APART AT THE BARRIER LOCATION AND DRIVEN SECURELY INTO THE

9) THE SILT FENCE SHALL BE PLACED IN A TRENCH CUT A MINIMUM OF 6 INCHES DEEP. THE

TRENCH SHALL BE CUT WITH A TRENCHER, CABLE LAYING MACHINE, OR OTHER SUITABLE

10) THE SILT FENCE SHALL BE PLACED WITH THE STAKES ON THE DOWNSLOPE SIDE OF THE GEOTEXTILE AND SO THAT 8 IN. OF CLOTH ARE BELOW THE GROUND SURFACE. EXCESS

MATERIAL SHALL LAY ON THE BOTTOM OF THE 6 IN. DEEP TRENCH. THE TRENCH SHALL BE

11) WHEN EXTRA STRENGTH FILTER FABRIC AND CLOSER POST SPACING ARE USED, THE WIRE

MESH SUPPORT FENCE MAY BE ELIMINATED. IN SUCH A CASE, THE FILTER FABRIC IS STAPLED

12) THE STANDARD STRENGTH FILTER FABRIC SHALL BE STAPLED OR WIRED TO THE FENCE,

AND 8 INCHES OF THE FABRIC SHALL BE EXTENDED INTO THE TRENCH. THE FABRIC SHALL NOT

EXTEND MORE THAN 36 INCHES ABOVE THE ORIGINAL GROUND SURFACE. FILTER FABRIC SHALL

13) SEAMS BETWEEN SECTION OF SILT FENCE SHALL BE OVERLAPPED WITH THE END STAKES

GEOTEXTILE. IF RUNOFF OVERTOPS THE SILT FENCE, FLOWS UNDER OR AROUND THE ENDS, OR

14) SILT FENCE SHALL ALLOW RUNOFF TO PASS ONLY AS DIFFUSE FLOW THROUGH THE

IN ANY OTHER WAY BECOMES A CONCENTRATED FLOW, ONE OF THE FOLLOWING SHALL BE

PERFORMED, AS APPROPRIATE: A) THE LAYOUT OF THE SILT FENCE SHALL BE CHANGED, B)

ACCUMULATED SEDIMENT SHALL BE REMOVED, OR C) OTHER PRACTICES SHALL BE INSTALLED.

SILT FENCE SHOULD BE INSPECTED REGULARLY AND FREQUENTLY AS WELL AS AFTER EACH

FENCE-GROUND INTERFACE OR TEARS ALONG THE LENGTH OF THE FENCE. IF GAPS OR TEARS

ACCUMULATED SEDIMENTS SHOULD BE REMOVED FROM THE FENCE BASE WHEN THE SEDIMENT

REACHES ONE-THIRD TO ONE-HALF THE HEIGHT OF THE FENCE. SEDIMENT REMOVAL SHOULD

OCCUR MORE FREQUENTLY IF ACCUMULATED SEDIMENT IS CREATING NOTICEABLE STRAIN ON

THE FABRIC AND THERE IS THE POSSIBILITY OF THE FENCE FAILING FROM A SUDDEN STORM EVENT. WHEN THE SILT FENCE IS REMOVED, THE ACCUMULATED SEDIMENT SHOULD BE

RAINFALL EVENT TO ENSURE THAT THEY ARE INTACT AND THERE ARE NO GAPS AT THE

ARE FOUND, THEY SHOULD BE REPAIRED OR THE FABRIC REPLACED IMMEDIATELY

OF EACH SECTION WRAPPED TOGETHER BEFORE DRIVING INTO THE GROUND.

DEVICE WHICH WILL ENSURE AN ADEQUATELY UNIFORM TRENCH DEPTH.

GROUND. WHEN EXTRA STRENGTH FABRIC IS USED WITHOUT THE WIRE SUPPORT FENCE, POST

RFMARKS

END 20

2020188.06

CONTRACT DATE: **BUILDING TYPE:** PLAN VERSION:

BRAND DESIGNER: SITE NUMBER:

STORE NUMBER PA/PM:

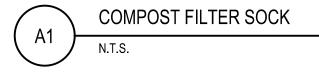
DRAWN BY. JOB NO.:

TACO BELL

3039 DIXIE HWY. EDGEWOOD, KY 41017



END 20 DETAILS



2. TRAFFIC SHALL NOT BE PERMITTED TO CROSS FILTER SOCKS.

REPLACED WITHIN 24 HOURS OF INSPECTION.

MANUFACTURER'S RECOMMENDATIONS.

COMPOST SOCK FABRIC MINIMUM SPECIFICATIONS

BIO-

24"

26 PSI

MONTHS

SOCK FABRICS COMPOSED OF BURLAP MAY BE USED ON PROJECTS LASTING 6 MONTHS OR LESS

EGRADABLE

5 mil HDPE

PHOTO-

DEGRADABLE

24"

23% AT

1000 HR.

MONTHS

FILTER MEDIA COMPOST FILTER SOCK
TURBED AREA UNDISTURBED AREA

SECTION VIEW

NTS

DISTURBED

UNDISTURBED

AREA

PLAN VIEW

ADAPTED FROM FILTREXX

1. COMPOST FILTER SOCK SHALL BE PLACED AT EXISTING LEVEL GRADE. BOTH ENDS OF THE SOCK

3. ACCUMULATED SEDIMENT SHALL BE REMOVED WHEN IT REACHES ₺ THE ABOVE GROUND HEIGHT

DAMAGED SOCKS SHALL BE REPAIRED ACCORDING TO MANUFACTURER'S SPECIFICATIONS OR

OF THE SOCK AND DISPOSED IN THE MANNER DESCRIBED ELSEWHERE IN THE PLAN.

5. BIODEGRADABLE FILTER SOCK SHALL BE REPLACED AFTER 6 MONTHS; PHOTODEGRADABLE

SOCKS AFTER 1 YEAR. POLYPROPYLENE SOCKS SHALL BE REPLACED ACCORDING TO

SHALL BE CUT OPEN AND THE MULCH SPREAD AS A SOIL SUPPLEMENT.

6. UPON STABILIZATION OF THE AREA TRIBUTARY TO THE SOCK, STAKES SHALL BE REMOVED. THE

SOCK MAY BE LEFT IN PLACE AND VEGETATED OR REMOVED. IN THE LATTER CASE, THE MESH

4. SOCKS SHALL BE INSPECTED WEEKLY AND AFTER EACH ½ INCH STORM RUNOFF EVENT.

SHALL BE EXTENDED AT LEAST 8 FEET UP SLOPE AT 45 DEGREES TO THE MAIN SOCK ALIGNMENT.

3 mil HDPE

PHOTO-

18"

% AT 1000

HR.

MONTHS

INNER CONTAINMENT

OUTER FILTRATION

COMPOST SHALL MEET THE FOLLOWING STANDARDS:

ORGANIC MATTER CONTENT

ORGANIC PORTION

MOISTURE CONTENT

PARTICLE SIZE

SOLUBLE SALT CONCENTRATION

12" MIN. 🕴 📗

BLOWN

PLACED

DISTURBED AREA

CONTOURS

COMPOST

FILTER SOCK

NETTING

MATERIAL TYPE

SOCK

DIAMETERS

MESH OPENING

TENSILE STRENGTH

ULTRAVIOLET

STABILITY %

ORIGINAL STRENGTH

(ASTM G-155)

MINIMUM

FUNCTIONAL

LONGEVITY

CHARACTERISTICS|DEGRADABLE

MULTI-FILAMENT | MULTI-FILAMENT |

(MFPP)

PHOTO-

DEGRADABLE

24"

100% AT

1000 HR.

YEARS

5 mil HDPE POLYPROPYLENE POLYPROPYLENE

PHOTO-

DEGRADABLE

100% AT

1000 HR.

YEAR

HDPE BIAXIAL NET

FUSION-WELDED JUNCTURES

3/4" X 3/4" MAX, APERTURE SIZE

COMPOSITE POLYPROPYLENE FABRIC

(WOVEN LAYER & NON-WOVEN FLEECE MECHANICALLY

FUSED VIA NEEDLE PUNCH)

3/16" MAX. APERTURE SIZE

2" X 2" WOODEN STAKES PLACED 10' O.C.

__ 2" X 2" WOODEN STAKES PLACED 10' O.C.

80% - 100% (DRY WEIGHT BASIS)

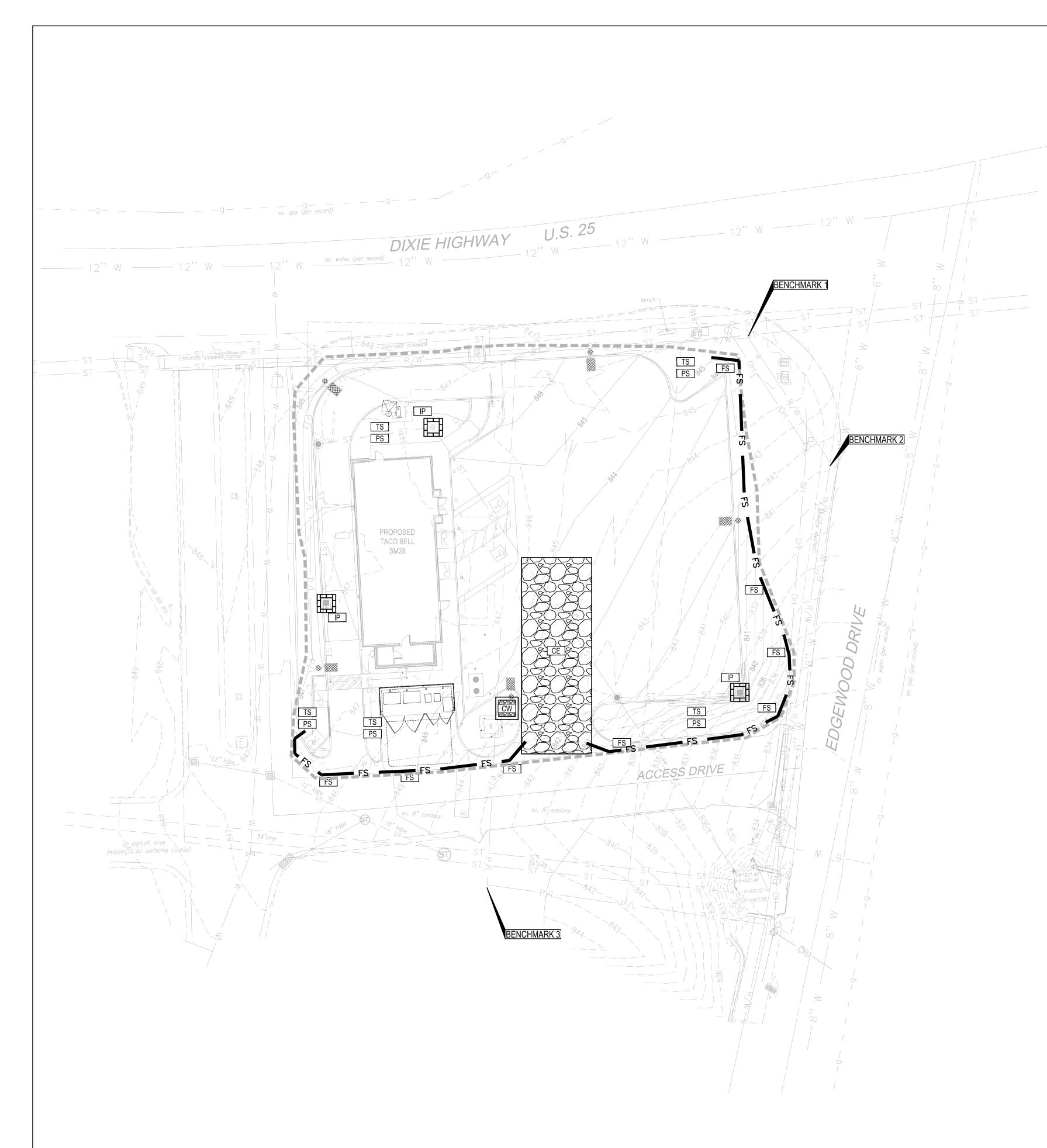
FIBROUS AND ELONGATED

5.5 - 8.0

35% - 55% 98% PASS THROUGH 1" SCREEN

5.0 dS MAXIMUM

CONTINUOUSLY WOUND



SWPP KEYNOTES

CW CONCRETE WASHOUT AREA

CONCRETE WASHOUT

FACILITIES AND WATERCOURSE

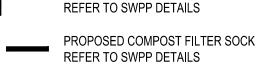
IP INLET PROTECTION TS TEMPORARY SEEDING PS PERMANENT SEEDING

FS FILTER SOCK

ONSITE AS NEEDED. CONCRETE WASHOUT FACILITIES SHALL BE LOCATED A MINIMUM OF 50' FROM STORM DRAIN INLETS, OPEN DRAINAGE

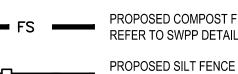
CW CONCRETE WASHOUT AREA CE CONSTRUCTION ENTRANCE

LEGEND



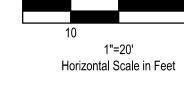
REFER TO SWPP DETAILS

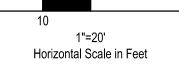
PROPOSED SILT BARRIER



(SEE SHEET C-000 FOR GENERAL LEGEND)



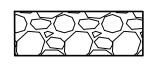






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PROPOSED CONCRETE WASHOUT FACILITY REFER TO SWPP DETAILS CONTRACTOR SHALL PLACE CONCRETE WASHOUT



PROPOSED CONSTRUCTION ENTRANCE REFER TO SWPP DETAILS

LIMITS OF DISTURBANCE = 0.55 AC.

CONSTRUCTION SEQUENCE

1. DURING PRECONSTRUCTION MEETING ALL EROSION & SEDIMENT CONTROL FACILITIES & PROCEDURES SHALL BE DISCUSSED. A GENERAL CONSTRUCTION SEQUENCE FOLLOWS AND MAY NEED TO BE UPDATED BY THE CONTRACTOR TO SUIT THE SPECIFICS OF THE SITE AND INTENDED CONTRACTOR SPECIFIC SEQUENCING.

1.1. INSTALL CONSTRUCTION ENTRANCE AS DETAILED ON PLANS. TEMPORARY CONSTRUCTION FENCING SHALL BE INSTALLED AROUND PERIMETER OF CONSTRUCTION SITE. WHERE THERE IS EXISTING FENCE ALONG THE PERIMETER OF THE SITE, IT CAN BE UTILIZED. FENCING SHALL BE USED TO RESTRICT OUTSIDE TRAFFIC TO SITE.

1.2. DELIVER CONSTRUCTION TRAILER TO SITE AND INSTALL TEMPORARY POWER AND TELEPHONE, IF REQUIRED. TEMPORARY UTILITY SERVICES ARE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.

1.3. STAKE AND/OR FLAG LIMITS OF CLEARING.

1.4. CLEAR & GRUB, AS NECESSARY, FOR INSTALLATION OF PERIMETER CONTROLS. INSTALL SILT PERIMETER CONTROLS AS SHOWN ON PLANS. SILT PERIMETER CONTROLS SHALL BE INSTALLED LEVEL, ALONG THE CONTOURS, WITH ENDS TURNED UPSLOPE TO PREVENT CONCENTRATED FLOW AT THE SILT PERIMETER CONTROLS.

1.5. INSTALL TEMPORARY SILT INLET PROTECTION ON ALL EXISTING CATCH BASINS AND INLETS, AS DESIGNATED IN THE PLANS. REMOVAL OF SILT INLET PROTECTION FROM DESIGNATED INLETS CAN ONLY OCCUR WHEN A STRUCTURE IS REMOVED, AND AS REQUIRED BY THE PROGRESSION OF THE DEMOLITION AND CONSTRUCTION.

1.6. CLEAR & GRUB, AS NECESSARY, FOR INSTALLATION OF TEMPORARY SEDIMENT TRAP/BASIN. INSTALL TEMPORARY SEDIMENT TRAP/BASIN, IF REQUIRED, AS DETAILED IN THE PLANS. CONSTRUCT AND MAINTAIN TEMPORARY DIVERSION SWALE AND / OR DIVERSION BERM DURING FILLING & GRADING ACTIVITIES. 1.7. CLEAR & GRUB THE REMAINING SITE AS NECESSARY. TOPSOIL SHALL BE STRIPPED

AND STOCKPILED ON SITE FOR REUSE, OR REMOVED TO AN APPROVED OFFSITE

1.8. UTILIZE DUST CONTROL MEASURES AS REQUIRED TO MINIMIZE AIR-BORNE POLLUTION BY METHODS APPROVED BY THE AUTHORIZING EPA OFFICE.

1.9. BEGIN FILLING & GRADING AS REQUIRED TO REACH SUBGRADE.

1.10. BEGIN BUILDING CONSTRUCTION. 1.11. ONCE PAVEMENT GRADES HAVE BEEN ESTABLISHED, AS DESIGNATED ON THE PLANS,

INSTALL REQUIRED INLET PROTECTION.

THE CONTRACTOR SHALL UTILIZE THESE AREAS FOR STRUCTURE CONSTRUCTION. 1.12. CONSTRUCT UNDERGROUND UTILITY WORK INCLUDING STORM DRAINAGE FACILITIES. UPON INSTALLATION OF STORM DRAINAGE CATCH BASINS, YARD DRAINS AND INLETS,

1.13. DO NOT REPLACE ANY TOPSOIL, SEED OR INSTALL FINAL PAVEMENT PRIOR TO COMPLETION OF BUILDING SHELL. SHOULD SITEWORK BE COMPLETED PRIOR TO THIS DATE, MULCH DISTURBED AREAS TO BE PLANTED AND INSTALL STONE SUBBASE IN DISTURBED AREAS TO BE PAVED.

1.14. FOLLOWING COMPLETION OF BUILDING SHELL AND PAVEMENT INSTALLATION, BEGIN LANDSCAPE INSTALLATION.

1.15. COMPLETE SITEWORK, PAVEMENT MARKINGS AND FINAL CLEAN-UP. RESEED ANY AREAS THAT MAY REQUIRE ATTENTION IMMEDIATELY. NOTE THAT LAWN AREAS WILL NOT BE DEEMED STABLE UNTIL A MINIMUM 80% VEGETATIVE DENSITY HAS BEEN

ACHIEVED. 1.16. MAINTAIN EROSION & SEDIMENTATION CONTROL MEASURES UNTIL THE SITE HAS BEEN COMPLETELY STABILIZED. ALL AREAS OF VEGETATIVE SURFACE, WHETHER PERMANENT OR TEMPORARY, SHALL BE CONSIDERED TO BE IN PLACE AND

FUNCTIONAL WHEN THE REQUIRED UNIFORM RATE OF COVERAGE (80%) IS OBTAINED.

1.17. REMOVE SEDIMENT CONTROLS.

PROJECT DESCRIPTION

THE EXISTING PROJECT SITE IS CURRENTLY A PNC BANK THAT WILL BE DEMOLISHED TO ACCOMMODATE THE PROPOSED DEVELOPMENT, A TACO BELL RESTAURANT. PROPOSED CONSTRUCTION WILL CONSIST OF A NEW TACO BELL RESTAURANT, PARKING LOT AND DRIVES, SITE LIGHTING AND OTHER ASSOCIATED SITE AMENITIES.

PROJECT COMPLETION STATISTICS

PARCEL SIZE :	0.56 ACRES
TOTAL DISTURBED AREA:	0.55 ACRES
EXISTING LAND USE FOR THE SITE IS TRANSECT ZONE 5.	
ESTIMATED PRE-CONSTRUCTION IMPERVIOUS AREA:	0.27 ACRES
ESTIMATED PRE-CONSTRUCTION IMPERVIOUS PERCENT:	48.2%
PRE-CONSTRUCTION RUN-OFF COEFFICIENT:	0.62
PROPOSED LAND USE WILL BE TRANSECT ZONE 5.	
ESTIMATED POST-CONSTRUCTION IMPERVIOUS AREA:	0.42 ACRES
ESTIMATED POST-CONSTRUCTION IMPERVIOUS PERCENT:	75.0%
POST-CONSTRUCTION RUN-OFF COEFFICIENT:	0.76

PROJECT LOCATION: LATITUDE

LONGITUDE 39.0218° -84.5860°

FcD: FAYWOOD SILTY CLAY LOAM , HYDROLOGIC SOIL GROUP C

REFERENCE: USDA NATIONAL RESOURCES CONSERVATION SERVICE WEB SOIL SURVEY. WETLAND INFORMATION:

THERE ARE NO KNOWN WETLANDS ON THIS SITE.

FIRST AND SUBSEQUENT RECEIVING STREAM: INITIAL RECEIVING WATER IS CITY STORM SEWER AND THE SUBSEQUENT RECEIVING WATER IS THE OHIO RIVER.

THIS SITE IS NOT LOCATED WITHIN A NATIONAL FLOOD HAZARD ZONE.

MAP: 21117C0015F

POST CONSTRUCTION WQv / BMP DESCRIPTION

THROUGH DISCUSSIONS WITH THE SANITATION DISTRICT 1 OF NORTHERN KENTUCKY, IT WAS DETERMINED THAT DETENTION AND WATER QUALITY ARE NOT REQUIRED FOR THIS PROJECT. THIS IS DUE TO THE PROJECT HAVING A LAND DISTURBANCE AREA OF LESS THAN AN ACRE. THE DISTURBANCE AREA FOR THIS PROJECT WILL BE 0.55 ACRES.

OWNER CONTACT:

DAN PEYTON DIRECTOR OF CONSTRUCTION & DEV.

AMPLER DEVELOPMENT DPEYTON@AMPLERGROUP.COM

ANTICIPATED TIMING:

CONSTRUCTION BEGIN: CONSTRUCTION COMPLETE:

CONTRACTOR: T.B.D. CONTACT: PHONE NUMBER:

CONTRACTOR SHALL MAINTAIN A CONSTRUCTION LOG DOCUMENTING ALL GRADING AND STABILIZATION ACTIVITIES.

> BENCHMARKS: BENCHMARK #1 - IRON PIN N 554524.63, E 1544999.71 ELEVATION=845.46

BENCHMARK #2 - MAGNAIL AND WASHER N 554500.67, E 1545047.08 ELEVATION=841.24

BENCHMARK #3 - MAGNAIL AND WASHER N 554309.21, E 1545016.23 ELEVATION=844.22



	DATE	REMARKS

CONTRACT DATE: **BUILDING TYPE:** END 20

PLAN VERSION: **BRAND DESIGNER:**

SITE NUMBER: STORE NUMBER: PA/PM:

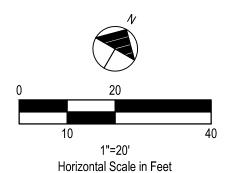
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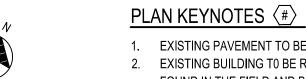
TACO BELL

3039 DIXIE HWY. EDGEWOOD, KY 41017



END 20 SWPP PLAN





- 1. EXISTING PAVEMENT TO BE REMOVED, SEE LEGEND FOR TYPE.
- 2. EXISTING BUILDING TO BE REMOVED. CONTRACTOR SHALL REMOVE FOUNDATIONS AND SLABS AS FOUND IN THE FIELD AND BACKFILL AREAS AS RECOMMENDED AND OBSERVED BY THE ON SITE
- GEOTECHINCAL ENGINEER. 3. EXISTING POST TO BE REMOVED.
- 4. EXISTING LANDSCAPING (INCLUDING BUSHES, TREES, ETC.) TO BE REMOVED AS REQUIRED FOR
- PROPOSED IMPROVEMENTS.
- 5. EXISTING CURB TO BE REMOVED.

9. EXISTING SIGNAGE TO BE REMOVED.

- 6. EXISTING UTILITIES TO BE REMOVED. 7. EXISTING LIGHT POLE TO BE REMOVED.
- 8. EXISTING PORTION OF EXISTING STORM SEWER TO BE REMOVED, APPROXIMATELY 8 LF. SEE SHEET
- C-131 FOR UTILITY INFORMATION.

520 South Main Street, Suite 2531
Akron, OH 44311
330.572.2100 Fax 330.572.2101

GPD GROUP, INC.°

	XISTING STRUCTURES
STRCT. ID	STRUCTURE DETAILS
EX 1	EXISTING CATCH BASIN RIM = 842.56 12" HDPE (SE) = 834.86
EX 2	EXISTING CATCH BASIN RIM = 846.58 6"(S) = 844.18
EX 3	EXISTING CATCH BASIN RIM = 833.20 12" RCP (S) = 831.40
EX 4	EXISTING CATCH BASIN RIM = 846.59 12" HDPE (W) = 842.66 12" HDPE (E) = 842.42
EX 5	EXISTING CATCH BASIN RIM = 846.81 12" HDPE (E) = 844.31
EX 6	EXISTING STORM SEWER MANHOLE RIM = 845.39 18" HDPE (SW, SE) = 839.69 12" HDPE (NW) (S) = 839.69
EX 7	EXISTING STORM SEWER MANHOLE RIM = 845.46 NO INVERT DATA
EX 8	EXISTING SANITARY SEWER MANHOLE RIM = 843.61 8" (W,E) = 825.59
EX 9	EXISTING SANITARY SEWER MANHOLE RIM = 833.90 8" (W,E) = 824.50
EX 10	EXISTING SANITARY SEWER MANHOLE RIM = 845.19 8" (W,S) = 828.99
	1

U.S. 25

9.45' (r)

N55°12'32"E

BENCHMARK 1

O.B. 968, Pg.170

ITEM #16

No. IPT20C0019-A-1 _

PT LOT_15

he Centralbancorp Financial, Inc. D.B. 1080, Pg. 239
PIDN 015-30-10-003.09

0.498 ACRE

S68'05'51"W 100.00'

No. IPT20C0019-A-1

→ No. \PT20C0019-C-1

ITEMS #14 & #19

DIXIE HIGHWAY

= = = = = = = N = 0.56

ITEM #15

15' U.L.H. & P. Ease. D.B. 865, Pg. 240

Valvoline, LLC R.B. C5976, Pg. 211

BENCHMARK 3

No. IPT20C0019-A-1 ITEM #16 No. IPT20C0019-C-1

7 S56'50'24"W 51.13' R/W-

No. IPT20C0019-C-1

ST. ELIZABETH MEDICAL CENTER INC.

K.C.89, Pg. 311

(missin and surfacing course)

DEMOLITION NOTE:

ALL EXISTING SITE AND SURROUNDING FEATURES SUCH AS UTILITIES, PAVEMENT, CURB, LANDSCAPING, ETC. SHALL REMAIN AND BE PROTECTED THROUGHOUT CONSTRUCTION UNLESS NOTED OTHERWISE, OR ARE REQUIRED TO BE MODIFIED OR REMOVED FOR THE INSTALLATION OF PROPOSED IMPROVEMENTS. ALL DISTURBED FEATURES SHALL BE RESTORED OR RELOCATED AS REQUIRED TO THE SATISFACTION OF THE OWNER. CONTRACTOR SHALL REPAIR/REPLACE ANY SURROUNDING FEATURES DAMAGED AS A RESULT OF CONSTRUCTION ACTIVITIES AT NO ADDITIONAL COST AND TO THE SATISFACTION OF THE OWNER.

LEGEND (SEE SHEET C-000 FOR GENERAL LEGEND)

6 11 11 11 11 11 11 11 EXISTING ASPHALT TO BE REMOVED V. V. V. V. V. V. V. V. EXISTING CONCRETE TO BE REMOVED

EXISTING BUILDING TO BE REMOVED

EXISTING ASPHALT PAVEMENT TO BE MILLED AND OVERLAYED 1.5"

DENOTES LIMITS OF SAWCUT DEMOLITION KEYNOTE

BENCHMARKS: BENCHMARK #1 - IRON PIN N 554524.63, E 1544999.71 ELEVATION=845.46

BENCHMARK #2 - MAGNAIL AND WASHER N 554500.67, E 1545047.08 ELEVATION=841.24

BENCHMARK #3 - MAGNAIL AND WASHER N 554309.21, E 1545016.23 ELEVATION=844.22



CON	ITRACT DAT	E:	-
BUIL	DING TYPE:		END 20
ДΙΛΙ	N VEDSION:		

PLAN VERSION: BRAND DESIGNER: SITE NUMBER:

STORE NUMBER: PA/PM: DRAWN BY.

JOB NO.: 2020188.06 TACO BELL

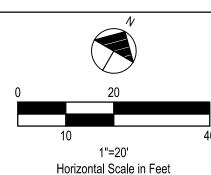
> 3039 DIXIE HWY. EDGEWOOD, KY 41017



END 20 DEMO PLAN

520 South Main Street, Suite 2531 Akron, OH 44311

330.572.2100 Fax 330.572.2101





PROPOSED P.C.C. CURB, SEE SHEET C-501.

PROPOSED CURB AT DRIVE THRU, SEE SHEET C-501. PROPOSED P.C.C. CURBED WALK, SEE SHEET C-501.

PROPOSED P.C.C. WALK, SEE SHEET C-501.

PROPOSED P.C.C. PAVEMENT W/ W.W.F. 6" x 6"-W2.9 x W2.9 (CONTROL JTS. 12'-0" O.C.) OVER 6" CRUSHED AGGREGATE OR GRAVEL BASE. APPLY LIQUID ASPHALT AT ALL JOINTS BETWEEN CONCRETE AND ASPHALT, SEE SHEET C-501 FOR DETAIL.

PROPOSED DETERRENT BOLLARD IN CURB, SEE SHEET C-501.

PROPOSED DETERRENT BOLLARD, SEE SHEET C-501.

PROPOSED ADA PARKING SIGN IN BOLLARD, SEE SHEET C-501. PROPOSED LANDSCAPING AREA. SOD ALL DISTURBED AREAS EXCEPT WHERE PLANTING BEDS ARE INDICATED.

D. PROPOSED 'STOP' AND 'DO NOT ENTER' SIGN PER KYTC STANDARDS.

. PROPOSED 'STOP' SIGN PER KYTC STANDARDS.

2. PROPOSED PAINTED TRANSVERSE STRIPING, SEE SHEET C-501.

3. PROPOSED PAINTED 4" WIDE SOLID STRIPE - WHITE ON ASPHALT, YELLOW ON CONCRETE, SEE

PROPOSED DIRECTIONAL PAVEMENT MARKINGS - WHITE ON ASPHALT, YELLOW ON CONCRETE, BLUE FOR ADA. CONTRACTOR TO OBTAIN STENCILS FROM PAVEMENT MARKINGS VENDOR FOR TEXT PAVEMENT MARKINGS, SEE SHEET C-501.

5. PROPOSED PAINTED 18" WIDE WHITE SOLID STRIPE STOP BAR.

16. PROPOSED PAINTED INTERNATIONAL ADA SYMBOL PER ADA SPECIFICATIONS, SEE SHEET C-501. │

7. PROPOSED ADA ACCESSIBLE RAMP PER ADA SPECIFICATIONS, SEE SHEET C-502.

8. PROPOSED FROST SLAB AT DOOR. SEE STRUCTURAL PLANS FOR DETAIL.

19. PROPOSED GAS METER PER GAS COMPANY SPECIFICATIONS. 20. PROPOSED ELECTRICAL TRANSFORMER PER ELECTRICAL COMPANY SPECIFICATIONS. G.C. TO

VERIFY EXACT LOCATION AND SIZE WITH UTILITY ENGINEER. PROPOSED MENU BOARD, SPEAKER POST, AND CANOPY PER SIGN SUPPLIER SPECIFICATIONS SIGN SUPPLIER TO PROVIDE A TEMPLATE FOR G.C. G.C. TO COORDINATE A MEETING WITH THE CONSTRUCTION/PROJECT MANAGER AND OPERATIONS TO VERIFY LOCATION AND PLACEMENT OF MENU BOARD, SPEAKER POST, AND CANOPY PRIOR TO ANY CONSTRUCTION. SIGN

SUPPLIER SHALL PROVIDE G.C. WITH FOUNDATION DETAILS. G.C. RESPONSIBLE FOR SIGN FOUNDATIONS/ELECTRICAL. SEE SHEET C-502 FOR DETAIL.

2. PROPOSED EVOLUTION PORTAL CLEARANCE BAR "ORDER HERE". SEE SHEET C-502 FOR DETAIL. 3. PROPOSED WOODEN DUMPSTER ENCLOSURE ON P.C.C. PAD OVER CRUSHED AGGREGATE OR

GRAVEL BASE, SEE ARCHITECTURAL PLANS. APPLY LIQUID ASPHALT AT ALL JOINTS BETWEEN CONCRETE AND ASPHALT.

24. PROPOSED 1,000 GALLON EXTERIOR GREASE INTERCEPTOR, SEE SHEET C-502.

25. PROPOSED SENSOR LOOP.

26. PROPOSED CURB AND GUTTER PER CITY OF EDGEWOOD SPECIFICATIONS. 27. PROPOSED HANDRAIL SEE SHEET C-503.

28. PROPOSED UTILITY STRUCTURE SEE SHEET C-131 FOR INFORMATION.

29. PROPOSED MODULAR BLOCK RETAINING WALL SEE SHEET C-503. 30. PROPOSED CONCRETE COLLAR ON CATCH BASIN SEE SHEET C-503.

31. PROPOSED 2' CURB TAPER FROM 6" TO 0" SEE SHEET C-501.

32. PROPOSED CROSSWALK STRIPING, SEE SHEET C-501. 33. PROPOSED FREESTANDING CURB, SEE SHEET C-504.

34. PROPOSED TRANSITION FROM PROPOSED P.C.C. CURB TO EXISTING CURB AND GUTTER.

35. PROPOSED LIGHT POLE SEE ELECTRICAL PLANS FOR SPECIFICATIONS AND DETAILS.

LEGEND (SEE SHEET C-001 FOR GENERAL LEGEND)

× × × × × × × × × ×

PROPOSED STANDARD DUTY ASPHALT SEE SHEET C-501.

PROPOSED HEAVY DUTY ASPHALT SEE SHEET C-501.

PROPOSED 1.5" ASPHALT MILL AND OVERLAY. APPLY KYTC ITEM 406 TACK COAT AND OVERLAY WITH KYTC ITEM 410 SURFACE COURSE 1.5" SEE SHEET C-504.

FRONT: S.R. 25

SIDE: WEST

SIDE: SOUTH

FRONT: EDGEWOOD

PROPOSED CONCRETE SEE SHEET C-501

 $\langle \# \rangle$

CONSTRUCTION KEYNOTE PROPOSED PARKING SPACE NUMBER

PROPOSED DRIVE THRU STACK CAR AND NUMBER

BUILDING SETBACKS			
	REQUIRED	PROVIDED	
FRONT: S.R. 25 FRONT: EDGEWOOD SIDE: WEST SIDE: SOUTH	50' 50' 0' 0'	34.7' 129.2' 14.7' 34.2'	
PARKING SETE	BACKS		

15'

	LAND USE DATA		
		% OF	AREA
		SITE AREA	PROVIDED
	BUILDING	6.9%	0.04 AC.
	PAVEMENT/IMPERVIOUS	66.9%	0.37 AC.
	LANDSCAPING	26.2%	0.15 AC.
	TOTAL	100%	0.56 AC.

L	HUNG			
	REQUIRED	PROVIDED	CURRENT ZONING: SC (SHOPPING CENTER ZON	۱E)

BENCHMARKS: BENCHMARK #1 - IRON PIN N 554524.63, E 1544999.71 ELEVATION=845.46

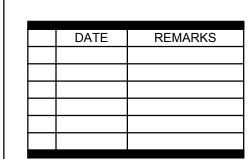
11.9'

18.6' 1.2'

BENCHMARK #2 - MAGNAIL AND WASHER N 554500.67, E 1545047.08 ELEVATION=841.24

BENCHMARK #3 - MAGNAIL AND WASHER N 554309.21, E 1545016.23 ELEVATION=844.22





CONTRACT DATE: BUILDING TYPE: END 20

PLAN VERSION: **BRAND DESIGNER:** SITE NUMBER:

JOB NO.:

STORE NUMBER: PA/PM: DRAWN BY.

TACO BELL

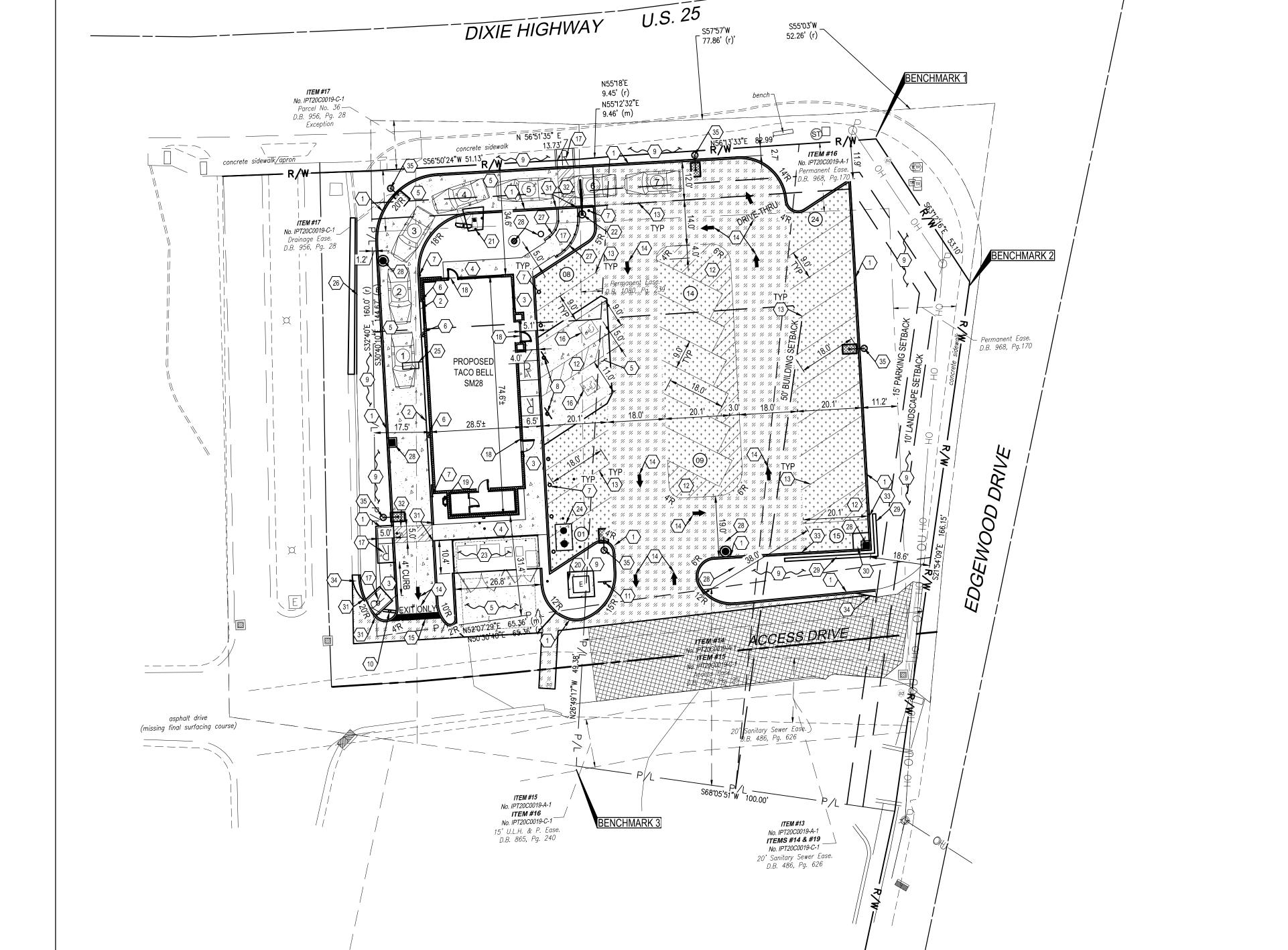
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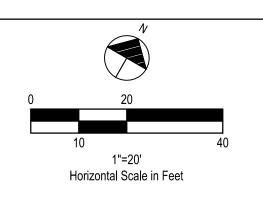
3039 DIXIE HWY. EDGEWOOD, KY 41017



END 20 SITE

PLAN





LEGEND

XXX.XX

DIXIE HIGHWAY U.S. 25

SEE ENLARGEMENT 1 THIS SHEET

BENCHMARK 3

9.3% ± ACCESS DRIVE

TACO BELL SM28
FFE=845.50

845.51± 844.32±/

SEE ENLARGEMENT 2

THIS SHEET

asphalt drive (missing course)

BENCHMARK 1

(SEE SHEET C-000 FOR GENERAL LEGEND)

PROPOSED CONTOUR

<u>XXX.XX±</u> EXISTING SPOT ELEVATION/ MATCH EXISTING GRADE

=XXX.XX±

EXISTING TOP OF CURB ELEVATION

B=XXX.XX± EXISTING BOTTOM OF CURB/PAVEMENT ELEVATION

PROPOSED ELEVATION @ FINISHED GROUND ELEVATION

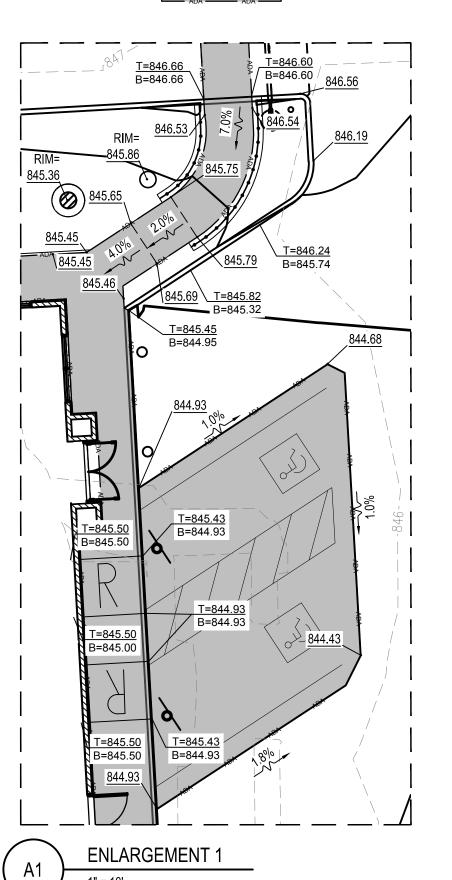
TOD OF OURD FUELW

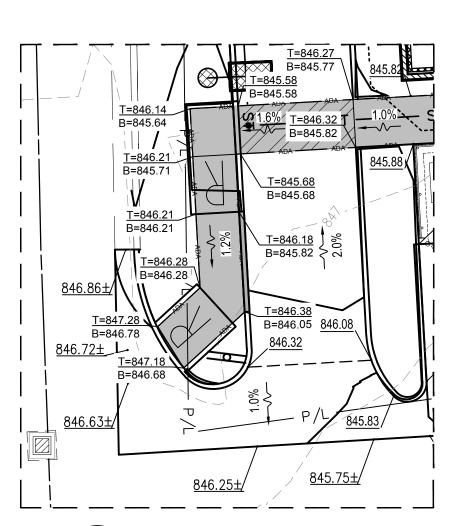
T=XXX.XX TOP OF CURB ELEVATION
B=XXX.XX BOTTOM OF CURB/FINISHED PAVEMENT ELEVATION

0.0% PROPOSED DRAINAGE SLOPE & DIRECTION

✓ EMERGENCY OVERLAND FLOW ROUTE







A2 ENLARGEMENT 2

BENCHMARKS: BENCHMARK #1 - IRON PIN N 554524.63, E 1544999.71 ELEVATION=845.46

BENCHMARK #2 - MAGNAIL AND WASHER N 554500.67, E 1545047.08 ELEVATION=841.24

BENCHMARK #3 - MAGNAIL AND WASHER N 554309.21, E 1545016.23 ELEVATION=844.22





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	DATE	REMARKS
CON	TRACT DAT	E: -

BUILDING TYPE: END 20
PLAN VERSION: -

BRAND DESIGNER:
SITE NUMBER:

STORE NUMBER: PA/PM:

PA/PM: AB

DRAWN BY.: KK

JOB NO.: 2020188.06

TACO BELL

3039 DIXIE HWY. EDGEWOOD, KY 41017

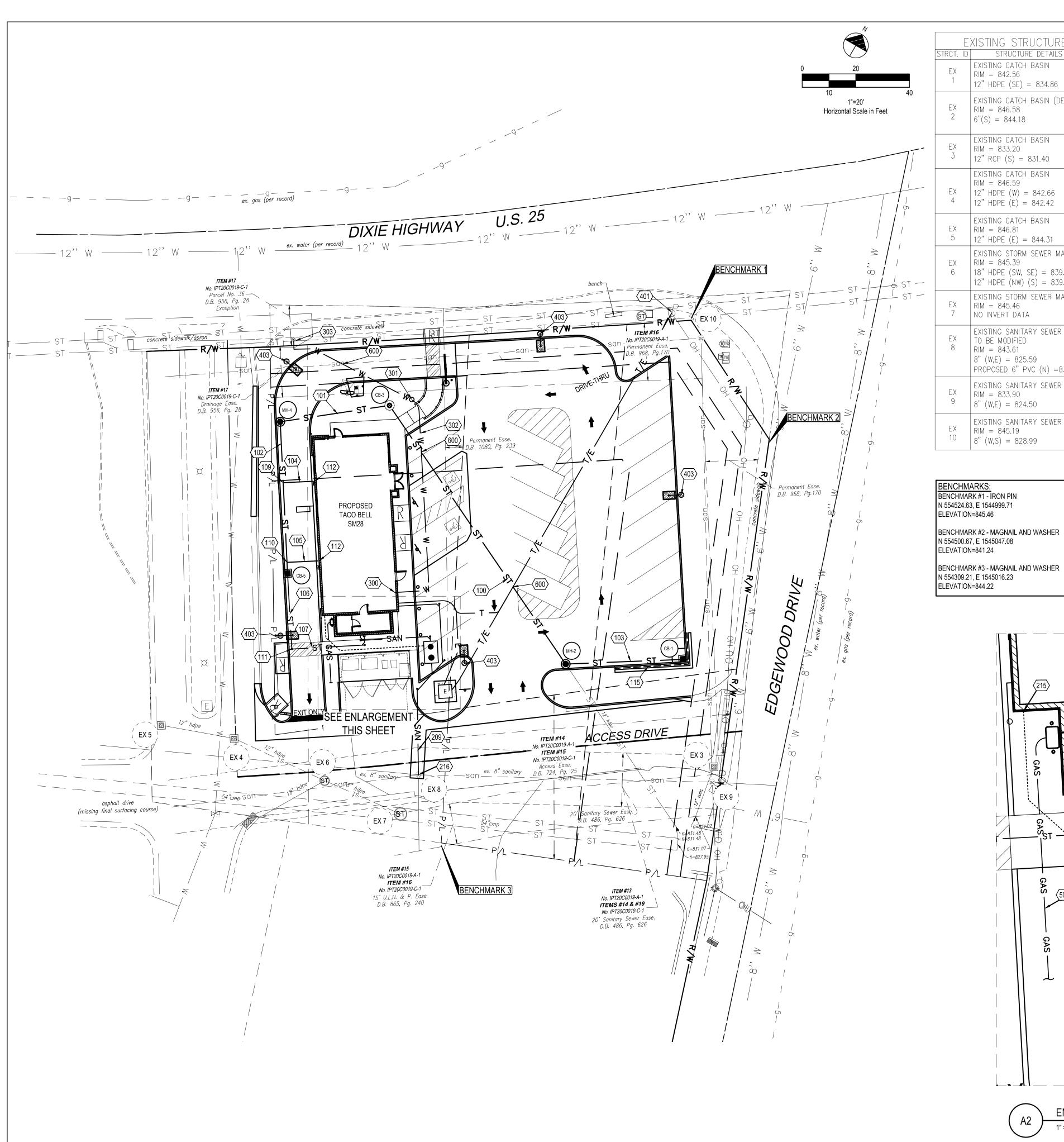


END 20 GRADING PLAN

C-121

520 South Main Street, Suite 2531 Akron, OH 44311

330.572.2100 Fax 330.572.2101



		1		
Ε	XISTING STRUCTURES			POSED STRUCTURE
. ID	STRUCTURE DETAILS		STRCT. ID	STRUCTURE DETAILS
	EXISTING CATCH BASIN RIM = 842.56 12" HDPE (SE) = 834.86 EXISTING CATCH BASIN (DEMO) RIM = 846.58 6"(S) = 844.18		CB 1	PROPOSED 2' X 2' CATCH BAS SEE SHEET C-503 RIM = 840.77 12" HDPE INV. (W)=836.70 4" UNDERDRAIN PVC (E)=837.7 FINGER DRAIN 4" PVC INV. (N, SUMP DEPTH = 2.0'
	EXISTING CATCH BASIN RIM = 833.20 12" RCP (S) = 831.40 EXISTING CATCH BASIN		MH 2	PROPOSED STORM MANHOLE SEE SHEET C-503 RIM=842.32 EXISTING INV. 12" (SE)=834.50 INV. 12" (NW)=834.50± INV. 12" (E)=835.50
	RIM = 846.59 12" HDPE (W) = 842.66 12" HDPE (E) = 842.42		CB 3	PROPOSED 18" DIA. NYLOPLA DRAIN BASIN SEE SHEET C-505 RIM=845.36
	EXISTING CATCH BASIN RIM = 846.81 12" HDPE (E) = 844.31			INV. 12" (W,SE) = 840.32 SUMP DEPTH = 2.0'
	EXISTING STORM SEWER MANHOLE RIM = 845.39 18" HDPE (SW, SE) = 839.69		MH 4	PROPOSED STORM MANHOLE SEE SHEET C-503 RIM=845.32 INV. 12" (S,E)=841.12
	12" HDPE (NW) (S) = 839.69 EXISTING STORM SEWER MANHOLE RIM = 845.46 NO INVERT DATA		CB 5	PROPOSED 2' X 2' CATCH BAS SEE SHEET C-503 RIM = 844.90 12" HDPE INV. (N)=841.69 6" PVC INV. = (S)=842.19 FINGER DRAIN 4" PVC INV. (N,
	EXISTING SANITARY SEWER MANHOLE TO BE MODIFIED RIM = 843.61 8" (W,E) = 825.59		Gl	SUMP DEPTH = 2.0' PROPOSED 1,000 GALLON EX GREASE INTERCEPTOR SEE S
	PROPOSED 6" PVC (N) =838.66 EXISTING SANITARY SEWER MANHOLE RIM = 833.90 8" (W,E) = 824.50		1	C-502 RIM=844.40, 844.35 INV. 6" PVC (N)=839.90 INV. 6" PVC (S)=839.65
	EXISTING SANITARY SEWER MANHOLE RIM = 845.19 8" (W,S) = 828.99			

ENLARGEMENT

N,W)=839.3 N,W)=843.48 EXTERIOR E SHEET

214. PROPOSED SANITARY CLEANOUT SEE SHEET C-503, RIM = 845.09, 6" INV. = 839.34 215. PROPOSED 3" SANITARY VENT PIPE, SEE MECHANICAL PLANS. 216. PROPOSED WATERTIGHT CONNECTION TO EXISTING MANHOLE INV. = 838.68

> 300. PROPOSED WATER CONNECTION. COORDINATE WITH PLUMBING PLANS. 301. PROPOSED 1.5" DOMESTIC WATER METER IN METER PIT PER NORTHERN KENTUCKY WATER

DISTRICT SPECIFICATIONS SEE SHEET C-505. 302. PROPOSED 133 L.F. 1.5" COPPER TYPE 'K' WATER SERVICE LINE.

303. PROPOSED CONNECTION TO EXISTING WATER VALVE. CONTRACTOR TO COORDINATE CONNECTION LOCATION WITH THE NORTHERN KENTUCKY WATER DISTRICT.

210. PROPOSED SANITARY CLEANOUT SEE SHEET C-503, RIM = 845.26, 6" INV. = 840.46 211. PROPOSED SANITARY CLEANOUT SEE SHEET C-503, RIM = 844.48, 6" INV. = 839.94 212. PROPOSED SANITARY CLEANOUT SEE SHEET C-503, RIM = 844.52, 6" INV. = 840.20 213. PROPOSED SANITARY CLEANOUT SEE SHEET C-503, RIM = 844.08, 6" INV. = 839.68

ELECTRIC AND COMMUNICATIONS 400. PROPOSED ELECTRIC METER PER ELECTRIC COMPANY SPECIFICATIONS. SEE BUILDING DRAWINGS FOR EXACT LOCATION. ELECTRIC SERVICE LINE TO BE COORDINATED WITH THE

ELECTRIC COMPANY. 401. PROPOSED ELECTRIC AND TELECOMMUNICATIONS SERVICE CONNECTION TO BE

COORDINATED WITH THE UTILITY COMPANIES. 402. PROPOSED ELECTRICAL TRANSFORMER PER ELECTRICAL COMPANY SPECIFICATIONS. G.C.

TO VERIFY EXACT LOCATION AND SIZE WITH UTILITY ENGINEER. 403. PROPOSED LIGHT POLE, SEE STRUCTURAL PLANS FOR FOUNDATION DETAIL AND ELECTRICAL

DRAWINGS FOR SPECIFICATIONS.

500. PROPOSED GAS METER PER GAS COMPANY SPECIFICATIONS. SEE BUILDING DRAWINGS FOR EXACT LOCATION. GAS SERVICE LINE TO BE COORDINATED WITH THE GAS COMPANY.

501. PROPOSED GAS SERVICE CONNECTION TO BE EXTENDED TO GAS MAIN PER GAS COMPANY DESIGN DIRECTION.

UTILITY CROSSINGS

PLAN KEYNOTES (###)

112. 6" INV. AT BUILDING = 843.00

200. PROPOSED 6" INV. AT BUILDING = 840.50

208. PROPOSED 6" X 6" WYE INV. = 839.54

SANITARY

100. PROPOSED 117 L.F. OF 12" HDPE STORM SEWER @ 4.97% 101. PROPOSED 41 L.F. OF 12" HDPE STORM SEWER @ 1.95% 102. PROPOSED 57 L.F. OF 12" HDPE STORM SEWER @ 1.00%

103. PROPOSED 44 L.F. OF 12" HDPE STORM SEWER @ 2.73%

114. PROPOSED 8 L.F. OF 12" HDPE STORM SEWER @ 4.13%

201. PROPOSED 2 L.F. OF 6" PVC SANITARY SEWER @ 2.00%. 202. PROPOSED 26 L.F. OF 6" PVC SANITARY SEWER @ 2.00%. 203. PROPOSED 2 L.F. OF 6" PVC SANITARY SEWER @ 2.00%. 204. PROPOSED 4 L.F. OF 6" PVC SANITARY SEWER @ 2.75%. 205. PROPOSED 15 L.F. OF 6" PVC SANITARY SEWER @ 2.00%. 206. PROPOSED 26 L.F. OF 6" PVC SANITARY SEWER @ 2.00%. 207. PROPOSED 17 L.F. OF 6" PVC SANITARY SEWER @ 2.00%.

209. PROPOSED 34 L.F. OF 6" PVC SANITARY SEWER @ 2.00%

104. PROPOSED 11 LF OF 6" PVC DOWNSPOUT COLLECTOR LINE @ 10.45% 105. PROPOSED 11 LF OF 6" PVC DOWNSPOUT COLLECTOR LINE @ 7.73%

106. PROPOSED 28 LF OF 6" PVC DOWNSPOUT COLLECTOR LINE @ 1.40%

107. PROPOSED 27 LF OF 6" PVC DOWNSPOUT COLLECTOR LINE @ 1.40%

108. PROPOSED 3 LF OF 6" PVC DOWNSPOUT COLLECTOR LINE @ 1.40% 109. PROPOSED WYE CONNECTION, SEE SHEET C-502. 6" INV = 842.15. 110. PROPOSED WYE CONNECTION, SEE SHEET C-502, 6" INV. = 841.85.

111. PROPOSED STORM CLEANOUT, SEE SHEET C-503. RIM = 845.64 6" INV. = 842.59.

113. PROPOSED STORM CLEANOUT, SEE SHEET C-503. RIM = 845.39 6" INV. =842.96.

115. PROPOSED 40 L.F. OF 4" PVC FOOTER UNDERDRAIN TO CONNECT TO CB-1.

GENERAL CROSSING NOTES: CONTRACTOR SHALL COORDINATE ALL CROSSINGS WITH THE UTILITY COMPANY. PRESSURIZED AND SECONDARY UTILITIES SHALL DEFLECT TO MAINTAIN 18" CLEAR AT SANITARY OR STORM SEWER CROSSINGS.

600. SEE UTILITY CROSSING GENERAL NOTE.

601. PROPOSED UTILITY CROSSING: 6" STORM INV=842.98; 6" SANITARY INV=840.44

CONTRACT DATE: BUILDING TYPE: END 20 PLAN VERSION: **BRAND DESIGNER:**

> SITE NUMBER: STORE NUMBER:

PA/PM: DRAWN BY.

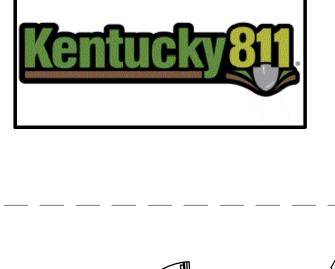
JOB NO.: 2020188.06 TACO BELL

3039 DIXIE HWY. EDGEWOOD, KY 41017



END 20 UTILITY PLAN

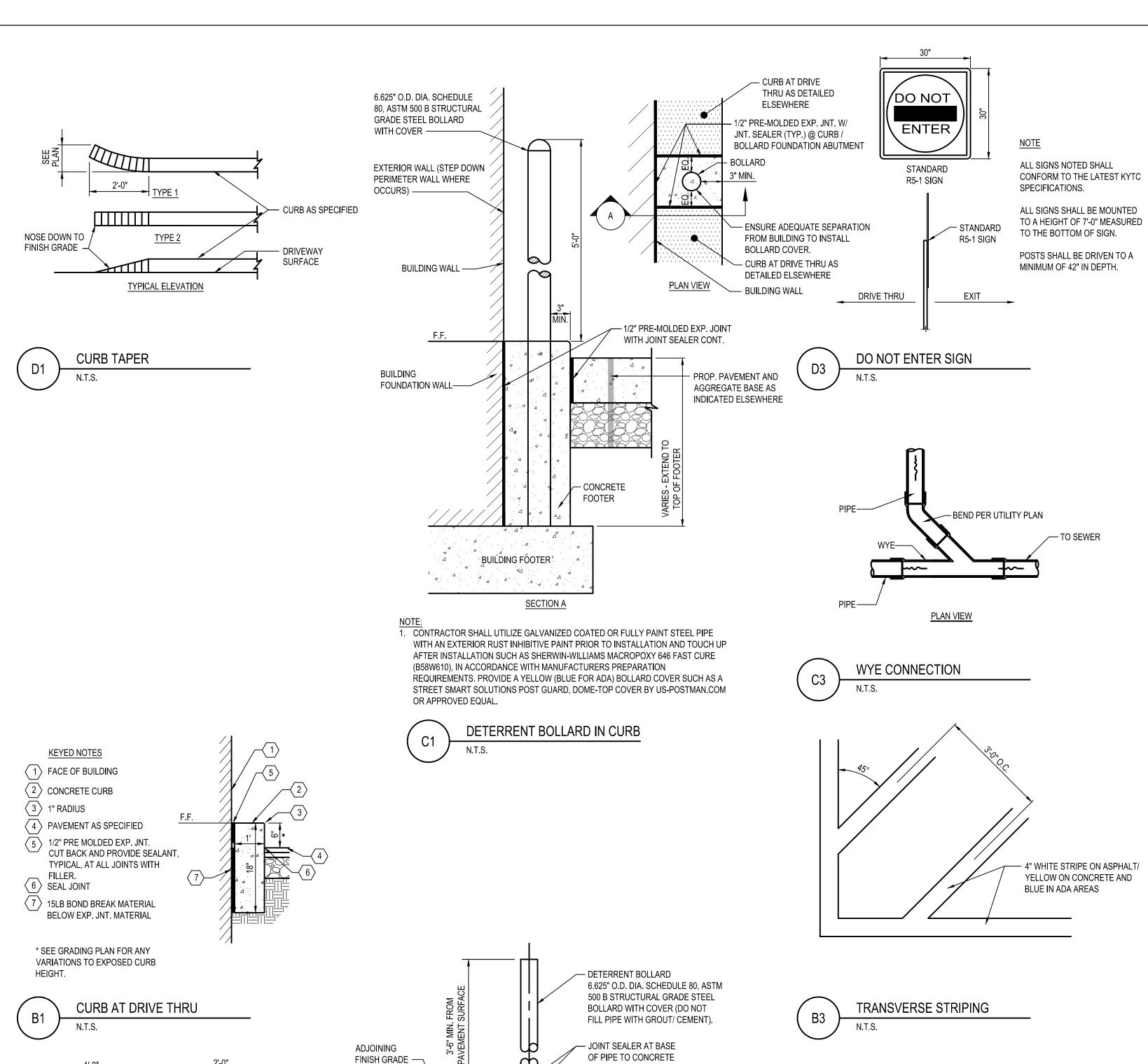
O(205)XXXXXXXXXX XXXXXXXXXXXX 206

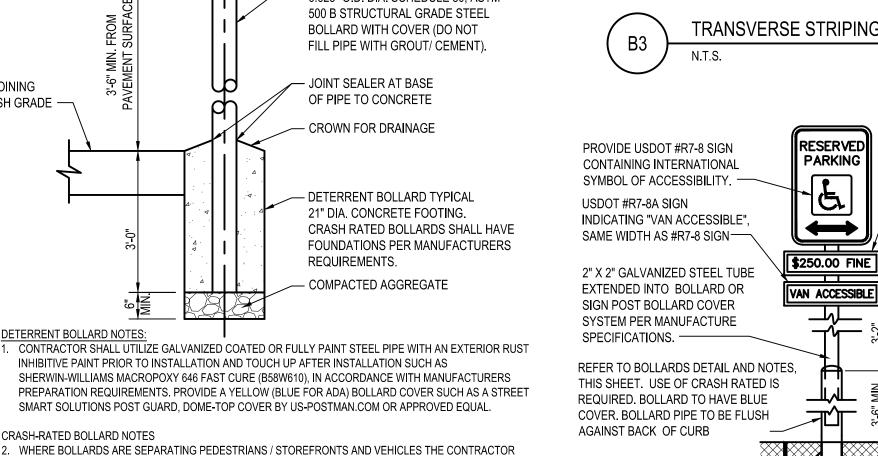


520 South Main Street, Suite 2531

330.572.2100 Fax 330.572.2101

Akron, OH 44311





PROVIDE SIGN INDICATING FINE. AMOUNT AND STYLE AS PER LOCAL ORDINANCES. MIN 6" HT, SAME WIDTH AS #R7-8 SIGN FINISHED SURFACE PAVEMENT OF 60" WITH AN ANTICIPATED S20 RATING FOR BIDDING PURPOSES - FINAL SPACING AND RATING SHALL BE AS DETAILED ELSEHWERE SEALED EXPANSION JOINT AROUND BOLLARD PIPE -FOUNDATION PER CRASH

BOLT SIGNS TO GALVANIZED STEEL TUBE COLUMN

- PAVEMENT DIMENSIONS REFER TO THIS POINT - 4" CONC. CURBED WALK - 1" RADIUS BOTH SIDES FINISH GRADE -- SEAL JOINT (PAVEMENT ELEVATIONS REFER TO THIS POINT) - PAVEMENT AS SPECIFIED - PAVEMENT AS SPECIFIED PORTLAND CEMENT CONCRETE

PARKING SLOPE AS PER PLAN

(1) P.C. CONCRETE PAVEMENT - LIGHT DUTY - 5" HEAVY DUTY - 6" DUMPSTER PAD - 7"

(2) DENSE GRADED AGGREGATE BASE - KYTC 302 - LIGHT DUTY - 5" HEAVY DUTY - 6" DUMPSTER PAD - 5"

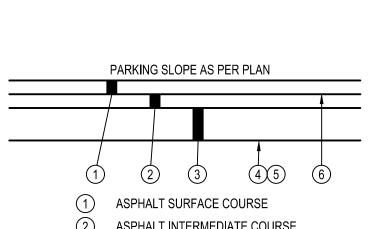
(3) SUBGRADE COMPACTION - PER SOILS REPORT 4 PROOF ROLLING

NOTES:

1. APPLY LIQUID ASPHALT AT ALL JOINTS BETWEEN CONCRETE AND ASPHALT. APPLY CONCRETE SEALANT CONFORMING TO ASTM D6690 WHERE PROPOSED CONCRETE MEETS EXISTING CONCRETE.

2. SEE SITE PLAN FOR REINFORCEMENT. 3. CONCRETE PAVEMENT SHALL HAVE CONTROL JOINTS AT 12'-0" O.C.

TYPICAL CONCRETE PAVEMENT SECTION



ASPHALT INTERMEDIATE COURSE

AGGREGATE BASE SUBGRADE COMPACTION

PROOF ROLLING (6) TACK COAT

1. APPLY LIQUID ASPHALT AT ALL JOINTS BETWEEN CONCRETE AND ASPHALT AND WHERE PROPOSED ASPHALT MEETS EXISTING ASPHALT INCLUDING SAW CUT JOINTS.

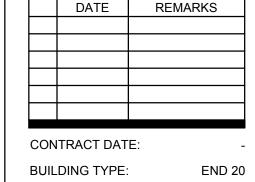
2. NO RAP SHALL BE PERMITTED IN ASPHALT SURFACE COURSE.

ASPHALT PAVEMENT

	71011171		1L141
MATERIAL	DEPTH (HVY. DUTY)	DEPTH (STD. DUTY)	KYTC SPECIFICATIONS ITEM
A.C. SURFACE COURSE	2.5"	1.5"	KYTC 410
A.C. INTERMEDIATE COURSE	2.5"	2.5"	KYTC 410
AGG. BASE COURSE	10"	8"	KYTC 302
SUBGRADE COMPACTION	PER SOILS	PER SOILS	PER SOILS REPORT

SOILS REPORT GOVERNS IF ANY DISCREPANCIES OCCUR.

TYPICAL PAVEMENT SECTION



PLAN VERSION: **BRAND DESIGNER**

SITE NUMBER: STORE NUMBER

PA/PM: DRAWN BY. JOB NO.:

TACO BELL

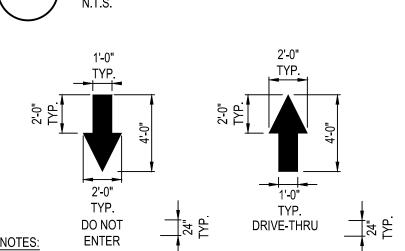
2020188.06

3039 DIXIE HWY. EDGEWOOD, KY 41017



END 20

DETAILS



ALL PAVEMENT MARKINGS TO BE WHITE PAVEMENT PAINT, UNLESS STATED OTHERWISE. ALL PAVEMENT MARKINGS WITHIN ADA AREAS SHALL BE PAINTED BLUE EXCEPT FOR COLORS DEFINED ON THE ADA PAVEMENT SYMBOL.

MARKING (STRIPING) PAINT FOR PARKING SPACES, TRAFFIC ARROWS, ADA PARKING AND SYMBOLS, ETC., PER LOCAL REQUIREMENTS AND AS FOLLOWS:

PAVEMENT MARKINGS SHALL BE PER KYTC ITEM 713.

PROVIDE A NON-SLIP AGGREGATE ADDITIVE TO MARKING PAINT USED AT ADA ACCESS

APPLY 2 COATS WITH STRAIGHT EDGES, YELLOW ON CONCRETE/WHITE ON ASPHALT EXCEPT WHEN MATCHING ADJACENT OR EXISTING COLOR WHEN THE PAVING IS AN EXPANSION OR SEGMENT OF A LARGER LOT. CONTRACTOR SHALL APPLY THE SECOND COAT NO SOONER THAN 30 DAYS OF APPLYING THE FIRST COAT.

PAVEMENT MARKINGS & NOTES

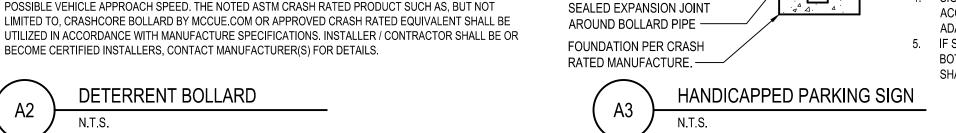
DETERRENT BOLLARD

N.T.S.

BECOME CERTIFIED INSTALLERS, CONTACT MANUFACTURER(S) FOR DETAILS.

SHALL INSTALL A CRASH RATED BOLLARD AND FOOTING PER ASTM F3016/3016M. TYPICAL CLEAR SPACING

IN ACCORDANCE WITH ASTM AND THE MANUFACTURERS REQUIREMENTS FOR PROPOSED LOCATIONS AND



I. CONTRACTOR SHALL VERIFY SIGN WITH LOCAL AND ADA REQUIREMENTS AND SPECIFICATIONS BEFORE INSTALLATION. - 12" YELLOW LOCAL JURISDICTION SIGN STRIPE REQUIREMENTS SHALL TAKE PRECEDENCE OVER THIS DETAIL SIGNS SHALL BE LOCATED SO THAT THEY CANNOT BE OBSCURED BY A VEHICLE PARKED IN THE SPACE. BOLLARD TO BE DELETED IF SIGN POST IS OUT OF VEHICULAR REACH AND NOT SEPARATING PEDESTRIAN AREA. WHEN NOT USING BOLLARD FOUNDATION THE SIGN POST SHALL BE EMBEDDED 42" -6" YELLOW INTO THE GROUND. STRIPE SIGN TO BE PROVIDED AT ALL ACCESSIBLE PARKING SPACES AS PER ADA REGULATIONS. 5. IF SIGN IS MOUNTED TO BUILDING, THE BOTTOM OF THE VAN ACCESSIBLE SIGN

— FACE OF BUILDING

WIDTH AS NOTED ON SITE PLAN

1.5% MAX.

NOTES:

NOTES:

C4

STALL.

KEYED NOTES

1 PAINT BACKGROUND BENJAMIN

M58-01 - WHITE 4" WIDTH 3 BOTTOM EDGE OF SYMBOL BOX

SHALL MATCH END OF STALL

STRIPE AT DRIVE AISLE END OF

MOORE M58 SAFETY & ZONE

MARKING LATEX M58-30 - BLUE

2 PAINT SYMBOL BENJAMIN MOORE M58

SAFETY & ZONE MARKING LATEX

— MINIMUM 4" COMPACTED

1. CONTRACTOR SHALL INSTALL 1/2" PRE-FORMED EXPANSION JOINT MATERIAL

AGGREGATE BASE

ON SITE PLAN

1.5% MAX.

AND JOINT SEALER WHERE PAVEMENT ABUTS BUILDING.

ADA PAVEMENT SYMBOL

· 4. .4

1. CONTRACTOR SHALL INSTALL 1/2" PRE-FORMED EXPANSION JOINT MATERIAL

AND JOINT SEALER WHERE PAVEMENT ABUTS BUILDING.

P.C.C CURBED WALK

— 1" RADIUS

---- SEAL JOINT

ELSEWHERE

4" THICK CONC. WALK

- MINIMUM 4" DENSE GRADED

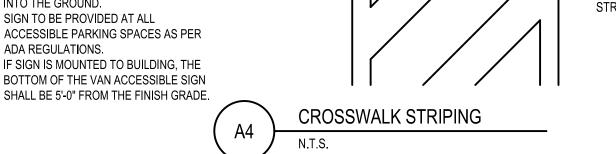
FINISH GRADE

AGGREGATE BASE

3'-0" BACKGROUND WIDTH

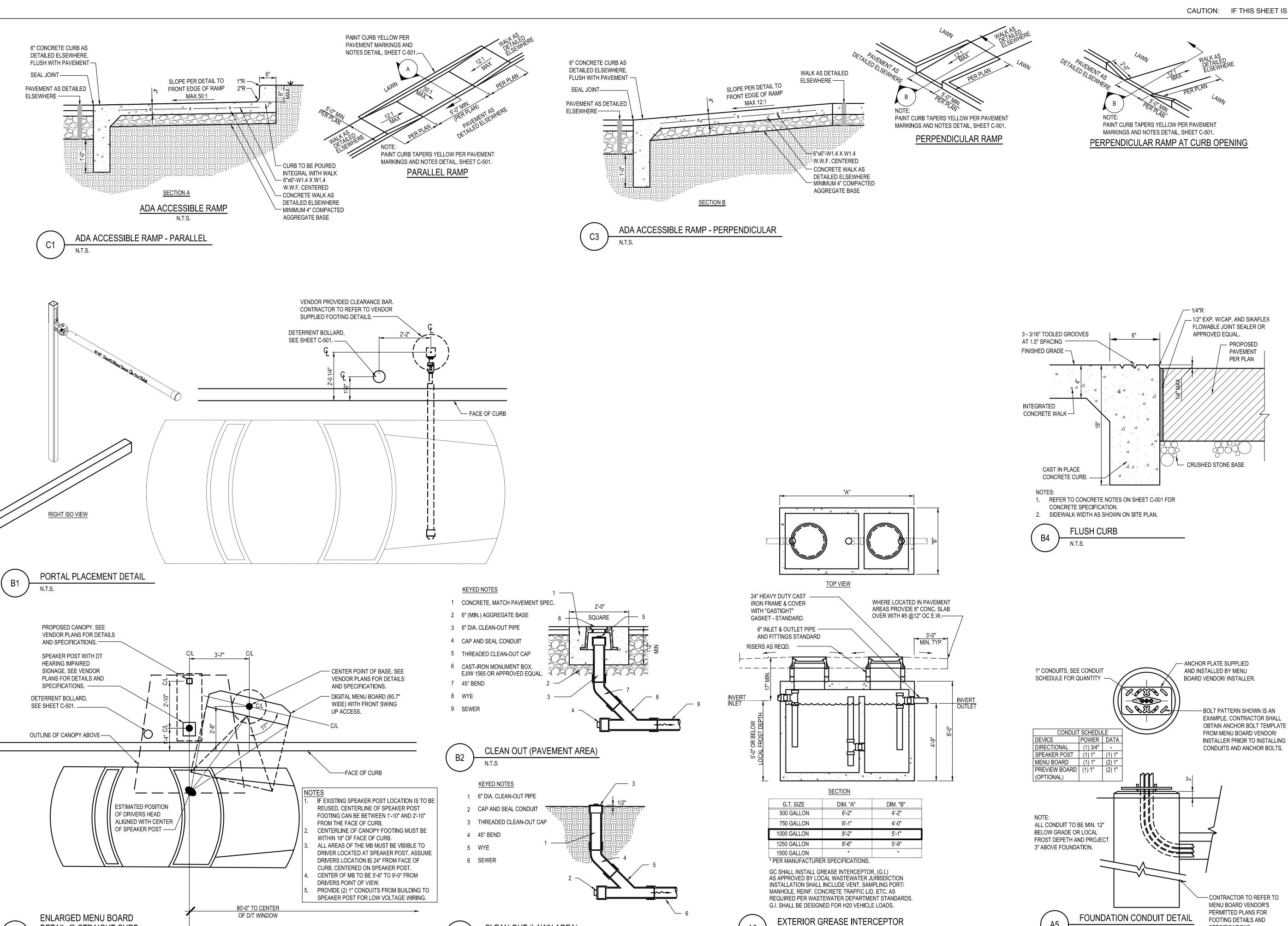
| 2'-0" SYMBOL WIDTH |

© PARKING STALL



- PROPOSED

PAVEMENT PER PLAN



CLEAN OUT (LAWN AREA)

Α3

DETAIL @ STRAIGHT CURB

GPD GROUP, INC.

520 South Main Street, Suite 2531 Akron, OH 44311 330.572.2100 Fax 330.572.2101

REMARKS

CONTRACT DATE: **BUILDING TYPE:** END 20 PLAN VERSION:

BRAND DESIGNER:

SITE NUMBER: STORE NUMBER:

PA/PM:

DRAWN BY. JOB NO.: 2020188.06

TACO BELL

3039 DIXIE HWY. EDGEWOOD, KY 41017



END 20

DETAIL

- CONTRACTOR TO REFER TO

MENU BOARD VENDOR'S

PERMITTED PLANS FOR

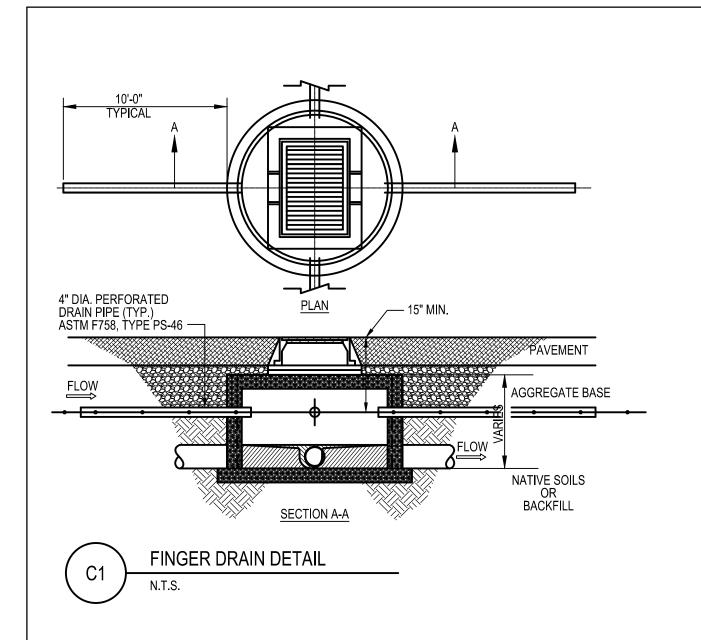
FOOTING DETAILS AND

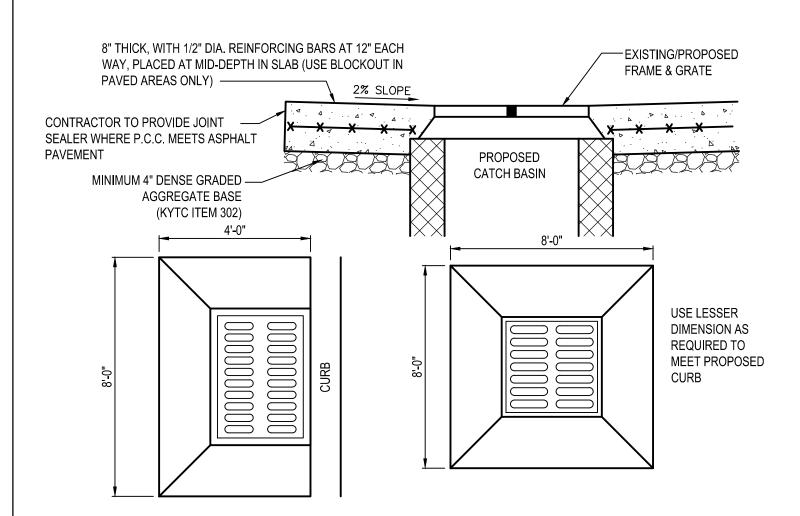
SPECIFICATIONS.

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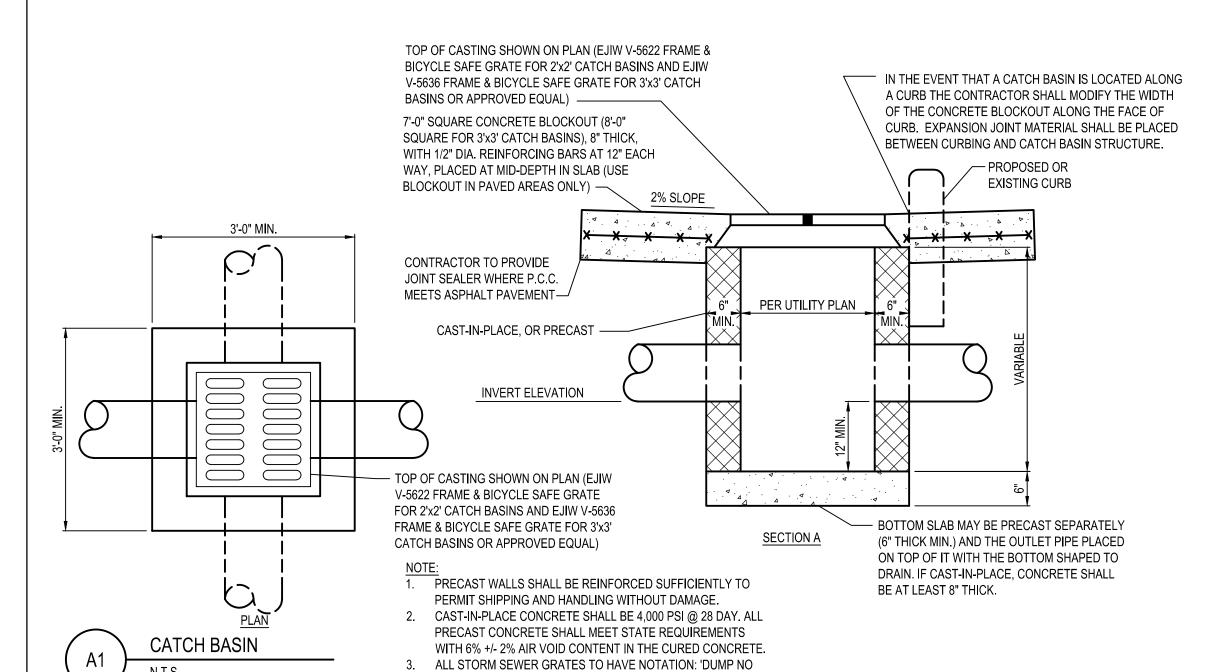
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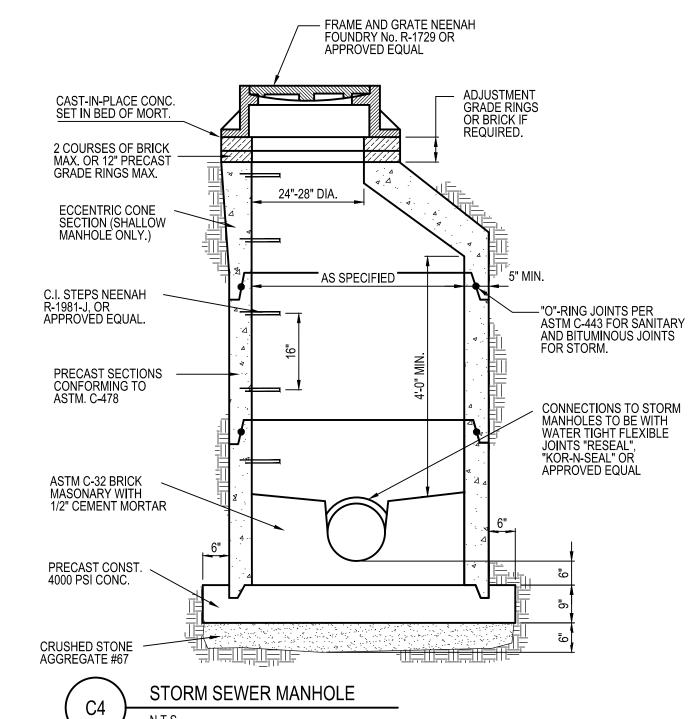


CONCRETE COLLAR



WASTE, DRAINS TO WATERWAY'. CONTRACTOR TO VERIFY

WITH LOCAL JURISDICTION EXACT WORDING.



-RETAINED SOIL NO. 57 LIMESTONE FILL (TYP.) — MODULAR CONCRETE BLOCK AS SPECIFIED THIS SHEET. - NO. 57 LIMESTONE DRAINAGE INFILL - 4" FOOTER UNDERDRAIN NO. 57 LIMESTONE — FILTER FABR**I**C LEVELING COURSE

CAPSTONE. ADHERE TO

TOP UNIT WITH ADHESIVE -

GENERAL NOTES:

1. WORK INCLUDES FURNISHING AND INSTALLING MODULAR CONCRETE BLOCK RETAINING WALL UNITS, WALL INFILL, GRAVEL LEVELING COURSE & FILTER FABRIC TO THE LINES AND GRADES DESIGNATED ON THE CONSTRUCTION DRAWINGS AND AS SPECIFIED HEREIN.

2. MODULAR CONCRETE BLOCK SHOWN IN SECTION ARE AS MANUFACTURED BY ALLAN BLOCK. MODULAR BLOCK RETAINING WALL SHALL MATCH EXISTING IN KIND, TEXTURE AND COLOR. CONTRACTOR SHALL SUBMIT SAMPLE TO ENGINEER OF RECORD & OWNER FOR APPROVAL PRIOR TO ORDERING OF MATERIAL.

REFERENCE STANDARDS

ASTM C1372-97 STANDARD SPECIFICATIONS FOR SEGMENTAL RETAINING WALL UNITS.

DELIVERY, STORAGE, AND HANDLING

- A. CONTRACTOR SHALL CHECK THE MATERIALS UPON DELIVERY TO ASSURE PROPER MATERIAL HAS
- B. CONTRACTOR SHALL PREVENT EXCESSIVE MUD, WET CEMENT, AND LIKE MATERIALS FROM COMING IN CONTACT WITH THE MATERIALS.
- C. CONTRACTOR SHALL PROTECT THE MATERIALS FROM DAMAGE. DAMAGED MATERIAL SHALL NOT BE INCORPORATED IN THE PROJECT.

MATERIALS

MODULAR WALL UNITS

- A. WALL UNITS SHALL BE ALLAN BLOCK CLASSIC RETAINING WALL UNITS WITH A 6° SET BACK AS PRODUCED BY A LICENSED MANUFACTURER.
- B. WALL UNITS SHALL HAVE MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 3000 PSI IN ACCORDANCE WITH ASTM C1372-97. THE CONCRETE UNITS SHALL HAVE ADEQUATE FREEZE-THAW PROTECTION WITH AN AVERAGE ABSORPTION RATE OF 7.5 LB/FT3.
- C. EXTERIOR DIMENSIONS SHALL BE UNIFORM AND CONSISTENT. MAXIMUM DIMENSIONAL DEVIATIONS SHALL BE 0.125 INCH, NOT INCLUDING TEXTURED FACE.
- D. WALL UNITS SHALL PROVIDE A MINIMUM OF 110 POUNDS TOTAL WEIGHT PER SQUARE FOOT OF WALL FACE AREA. FILL CONTAINED WITHIN THE UNITS MAY BE CONSIDERED 80% EFFECTIVE WEIGHT.
- E. EXTERIOR FACE SHALL BE TEXTURED. COLOR SHALL MATCH EXISTING MODULAR BLOCK RETAINING WALL, SUBMIT SAMPLE TO OWNER & ENGINEER FOR APPROVAL.

ACCEPTABLE MANUFACTURERS

A. A MANUFACTURER'S PRODUCT SHALL BE APPROVED BY THE ENGINEER.

CAPSTONE ADHESIVE

A. CAPSTONE ADHESIVE SHALL BE SIKADUR 31, HI-MOD GEL OR AN APPROVED EQUAL. WALL INFILL & LEVELING COURSE

A MATERIAL SHALL BE NO. 57 LIMESTONE(3/4")



FILTER FABRIC

A. FILTER FABRIC SHALL SATISFY THE REQUIREMENTS OF KYTC ITEM 843.01

WALL CONSTRUCTION EXCAVATION

CONTRACTOR SHALL EXCAVATE TO THE LINES AND GRADES SHOWN ON THE CONSTRUCTION DRAWINGS. CONTRACTOR SHALL USE CAUTION NOT TO OVER-EXCAVATE BEYOND THE LINES SHOWN, OR TO DISTURB THE BASE ELEVATIONS BEYOND THOSE SHOWN.

FOUNDATION SOIL PREPARATION

- A. FOUNDATION SOIL SHALL BE EXCAVATED AS DIMENSIONED ON THE PLANS AND COMPACTED TO A MIN. 90% COMPACTION PRIOR TO PLACEMENT OF THE BASE MATERIAL.
- B. FOUNDATION SOIL SHALL BE EXAMINED BY THE ENGINEER TO INSURE THAT THE ACTUAL FOUNDATION SOIL STRENGTH MEETS OR EXCEEDS ASSUMED DESIGN STRENGTH. SOIL NOT MEETING THE REQUIRED STRENGTH SHALL BE REMOVED AND REPLACED WITH ACCEPTABLE MATERIAL.
- C. OVER-EXCAVATED AREAS SHALL BE FILLED WITH APPROVED COMPACTED BACKFILL MATERIAL. D. FOUNDATION SOIL SHALL BE PROOF ROLLED PRIOR TO FILL.

- A. BASE MATERIAL SHALL BE PLACED AS SHOWN ON CONSTRUCTION DRAWING. TOP OF BASE SHALL BE LOCATED TO ALLOW BOTTOM WALL UNITS TO BE BURIED TO PROPER DEPTHS AS PER WALL HEIGHTS AND SPECIFICATIONS.
- B. BASE MATERIAL SHALL BE INSTALLED ON UNDISTURBED NATIVE SOILS OR SUITABLE REPLACEMENT FILLS COMPACTED AT 90% STANDARD PROCTOR.
- C. BASE SHALL BE COMPACTED AT 90 % STANDARD PROCTOR TO PROVIDE A LEVEL HARD SURFACE ON WHICH TO PLACE THE FIRST COURSE OF BLOCKS. THE BASE SHALL BE CONSTRUCTED TO INSURE PROPER WALL EMBEDMENT AND THE FINAL ELEVATION SHOWN ON THE PLANS. WELL-GRADED SAND CAN BE USED TO SMOOTH THE TOP 1/2 INCH ON THE LEVELING PAD.

D. BASE MATERIAL SHALL BE A 6 INCH MINIMUM DEPTH.

WALL INSTALLATION

- A. THE FIRST COURSE OF WALL UNITS SHALL BE PLACED ON THE PREPARED BASE. THE UNITS SHALL BE CHECKED FOR LEVEL AND ALIGNMENT AS THEY ARE PLACED.
- B. ENSURE THAT UNITS ARE IN FULL CONTACT WITH BASE. PROPER CARE SHALL BE TAKEN TO
- DEVELOP STRAIGHT LINES AND SMOOTH CURVES ON BASE COURSE AS PER WALL LAYOUT.
- C. ALL CAVITIES IN AND AROUND THE BASE ROW SHALL BE FILLED WITH BASE MATERIALS AND COMPACTED. BACKFILL FRONT AND BACK OF ENTIRE BASE ROW TO FIRMLY LOCK IN PLACE. CHECK AGAIN FOR LEVEL AND ALIGNMENT. ALL EXCESS MATERIAL SHALL BE SWEPT FROM TOP OF UNITS.
- D. INSTALL NEXT COURSE OF WALL UNITS ON TOP OF BASE ROW. POSITION BLOCKS TO BE OFFSET FROM SEAMS OF BLOCKS BELOW IN A RUNNING BOND PATTERN. CHECK EACH BLOCK FOR PROPER ALIGNMENT AND LEVEL. FILL ALL CAVITIES IN WALL UNITS.
- E. INSTALL EACH SUBSEQUENT COURSE IN LIKE MANNER. REPEAT PROCEDURE TO THE EXTENT OF
- F. ALLOWABLE CONSTRUCTION TOLERANCE AT THE WALL FACE IS 2 DEGREES VERTICALLY AND 1 INCH IN 10 FEET HORIZONTALLY.

	DATE	REMARKS

END 20

2020188.06

CONTRACT DATE: **BUILDING TYPE:**

PLAN VERSION:

BRAND DESIGNER: SITE NUMBER:

STORE NUMBER: PA/PM:

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TACO BELL

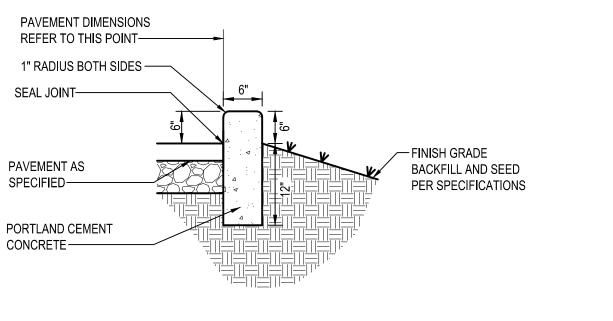
3039 DIXIE HWY. EDGEWOOD, KY 41017



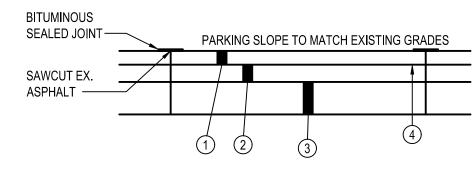
END 20

DETAIL







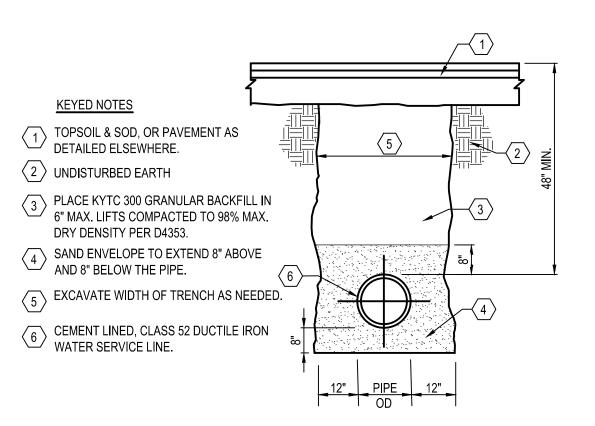


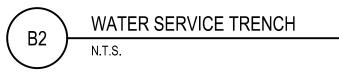
- 1) 1.5" PROPOSED MILL AND FILL ASPHALT SURFACE COURSE (KYTC ITEM 410)
- 2 EXISTING INTERMEDIATE COURSE TO REMAIN
- (3) EXISTING AGGREGATE BASE TO REMAIN
- TACK COAT (KYTC ITEM 406)

NOTES:

- 1. APPLY LIQUID ASPHALT AT ALL JOINTS BETWEEN CONCRETE AND ASPHALT AND WHERE PROPOSED ASPHALT MEETS EXISTING ASPHALT INCLUDING SAW CUT JOINTS.
- 2. ALL RECOMMENDED ASPHALT MATERIALS SHALL CONFORM TO KENTUCKY TRANSPORTATION CABINET (KYTC) DESIGN CRITERIA. SEE SOILS REPORT FOR ADDITIONAL RECOMMENDATIONS.

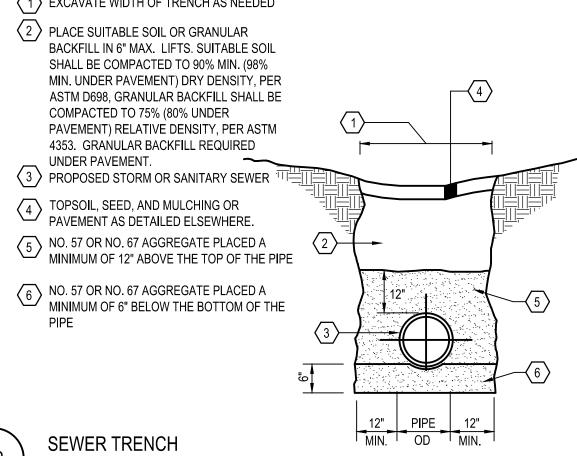






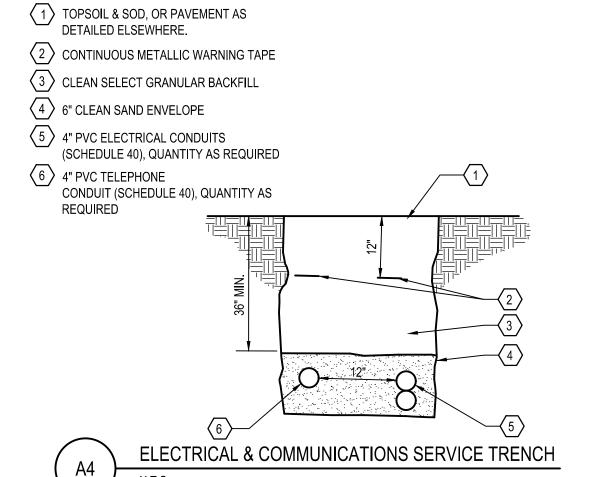
KEYED NOTES

1 EXCAVATE WIDTH OF TRENCH AS NEEDED



KEYED NOTES 1 TOPSOIL & SOD, OR PAVEMENT AS DETAILED ELSEWHERE. 2 CONTINUOUS METALLIC WARNING TAPE 3 CLEAN SELECT GRANULAR BACKFILL 4 6" CLEAN SAND ENVELOPE 5 TRACKER WIRE G GAS SERVICE LINE PER DUKE ENERGY STANDARDS

GAS SERVICE TRENCH



KEYED NOTES

	DATE	DEMARKO
	DATE	REMARKS
CON	ITRACT DAT	E: -
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BUILDING TYPE:

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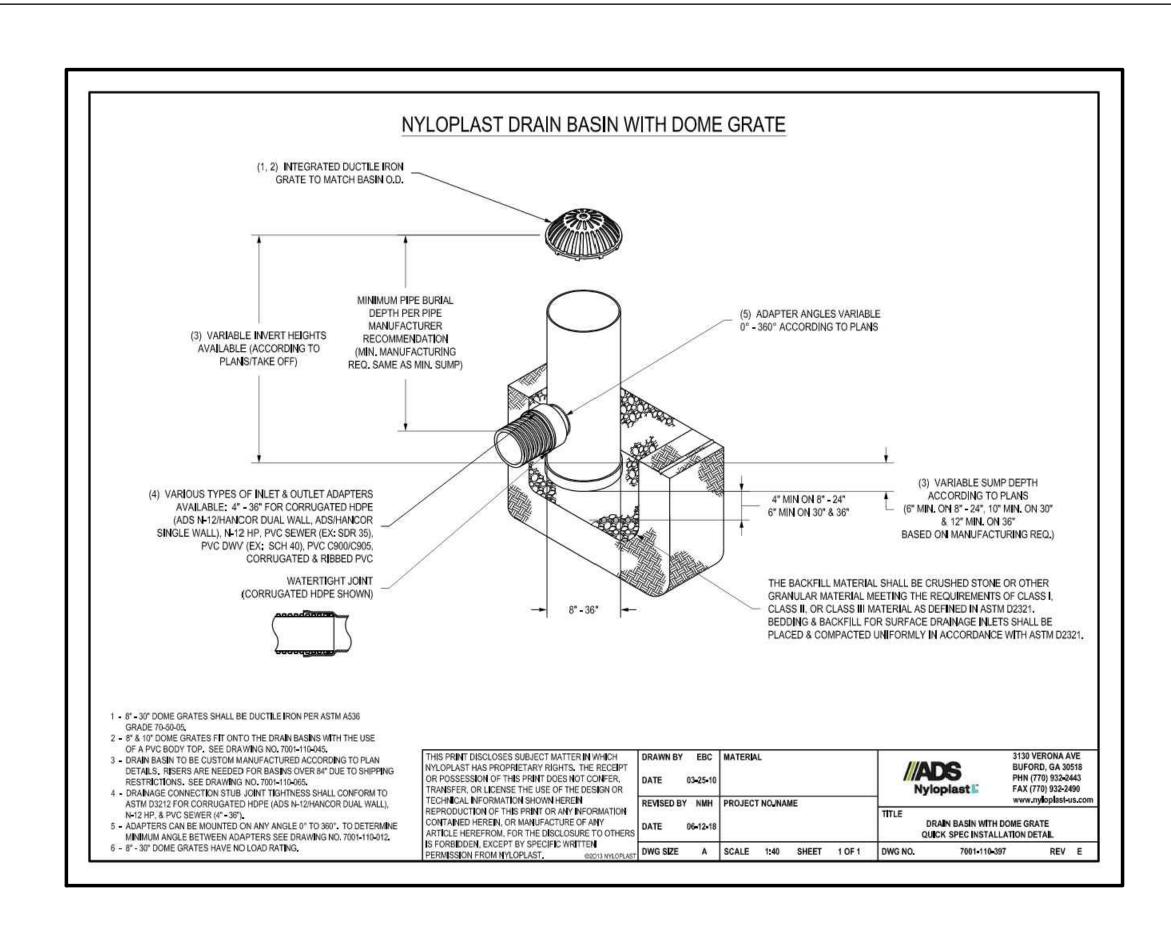
3039 DIXIE HWY.

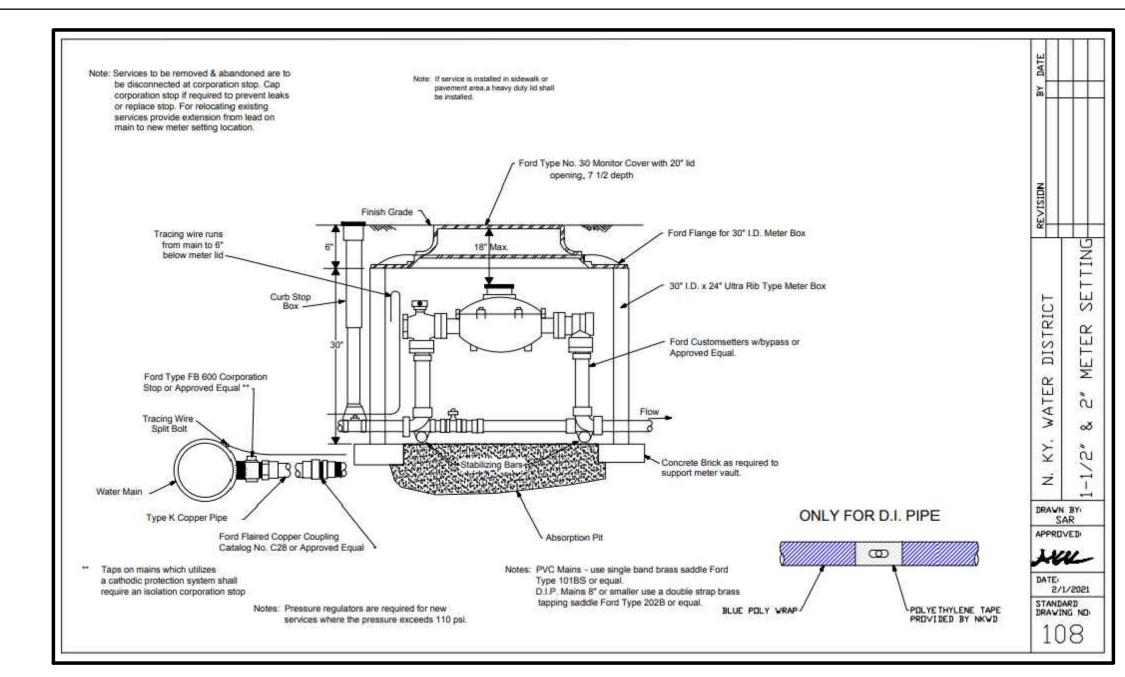


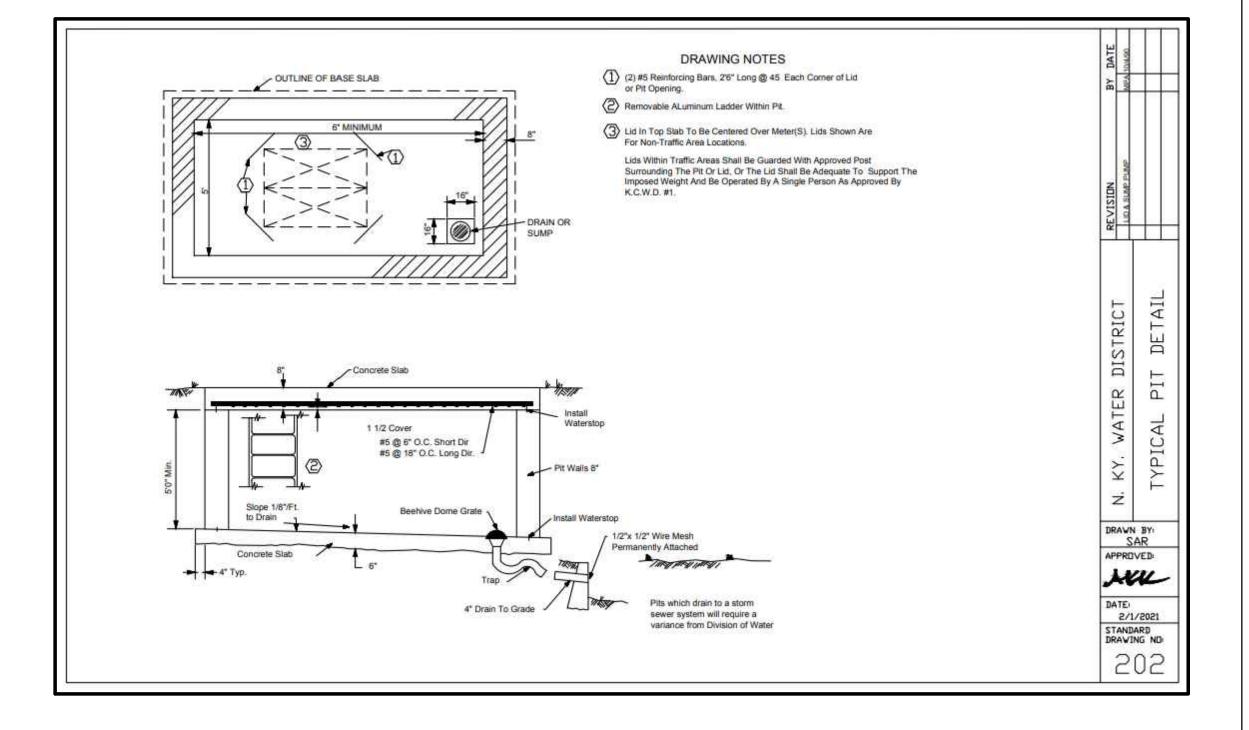
EDGEWOOD, KY 41017

END 20

DETAIL









FOR REFERENCE ONLY

DATE	REMARKS

END 20

AB

2020188.06

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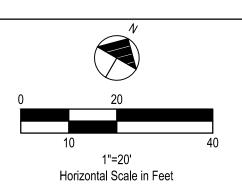
3039 DIXIE HWY. EDGEWOOD, KY 41017



END 20

DETAIL

C-505





Label	Avq	Max	Min	Avg/Min	Max/Min
EXTENDED	2.78	8.9	0.0	N.A.	N.A.
PARKING LOT & DRIVE-THRU SURFACE	5.28	8.9	2.0	2.64	4.45

LIGHT LEVELS ARE MAINTAINED FOOT-CANDLES, INITIAL LEVELS ARE SLIGHTLY HIGHER

Luminai:	re Sch	edule					
Symbol	Qty	Label	Arrangement	Luminaire	LLF	Luminaire	Description
				Lumens		Watts	
——————————————————————————————————————	5	А	SINGLE	34219	0.900	262	VP-2-320L-255-4K7-4F-UNV-A-DBT / SES-25-40-01-F-B4-DBT

FIXTURES ARE 262W 4000K LED

DIXIE HIGHWAY U.S. 25

S68°05'51"W 100.00'

No. IPT20C0019-A-1

No. IPT20C0019-C-1 20' Sanitary Sewer Ease. D.B. 486, Pg. 626

TACO BELL

ITEM #15 No. IPT20C0019-A-1 ITEM #16 No. IPT20C0019-C-1

15' U.L.H. & P. Ease. D.B. 865, Pg. 240 BENCHMARK 3

asphalt drive (missing final surfacing course)

POLES ARE 25'-0" WITH AN OVERALL FIXTURE HEIGHT OF 27'-6" A.F.G.

BENCHMARKS: BENCHMARK #1 - IRON PIN N 554524.63, E 1544999.71 ELEVATION=845.46

> BENCHMARK #2 - MAGNAIL AND WASHER N 554500.67, E 1545047.08 ELEVATION=841.24

BENCHMARK #3 - MAGNAIL AND WASHER N 554309.21, E 1545016.23 ELEVATION=844.22



	DATE	REMARKS	
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3039 DIXIE HWY. EDGEWOOD, KY 41017



END 20
PHOTOMETRIC
PLAN

C-701

- 1. THIS WORK SHALL CONSIST OF PERFORMING CLEARING AND GRUBBING, SOIL PREPARATION, FINISH GRADING, PLANTING AND DRAINAGE, INCLUDING ALL LABOR, MATERIALS, TOOLS,
- 2. QUANTITY TAKEOFF IS SUPPLIED FOR CONTRACTOR'S ASSISTANCE ONLY. CONTRACTOR IS RESPONSIBLE FOR SUPPLYING ALL PLANT MATERIALS AS PER PLAN.

EQUIPMENT, AND ANY OTHER APPURTENANCES NECESSARY FOR THE COMPLETION OF THIS

3. NO ADDITIONAL COMPENSATION SHALL BE PAID TO THE CONTRACTOR FOR DAMAGE AND REPAIR WITHIN EASEMENT OR RIGHT-OF-WAY LIMITS.

PRESERVATION/PROTECTION (IF APPLICABLE)

- . CONTRACTOR SHALL MAINTAIN AND PRESERVE TREES AND SHRUBS NOT BEING REMOVED, INCLUDING THEIR ROOTS. TREE PROTECTION FENCING SHALL BE USED AT THE DRIP LINE OF ALL TREES AND SHRUBS WITHIN 50 FEET OF CONSTRUCTION EXCEPT AS SHOWN ON PLAN. FENCING SHALL REMAIN IN PLACE UNTIL FINAL PLANT INSPECTION FOLLOWING CONSTRUCTION. MATERIALS SHALL NOT BE STOCKPILED WITHIN THIS DEFINED AREA AND VEHICLES AND OTHER EQUIPMENT SHALL BE OPERATED TO AVOID SOIL COMPACTION.
- 2. FEEDER ROOTS SHOULD NOT BE CUT IN AN AREA EQUAL TO TWICE THE TREE CIRCUMFERENCE (MEASURED 6" ABOVE THE GROUND LINE IN INCHES) EXPRESSED IN FEET. (EXAMPLE: A CIRCUMFERENCE OF 10" WOULD HAVE A 'NO CUT' ZONE OF 20 FEET IN ALL DIRECTIONS FROM THE TREE). THIS SHOULD APPLY TO UTILITY SERVICES, IF FEASIBLE. THE ONLY EXCEPTION TO THIS REQUIREMENT WILL BE THOSE SPECIFICALLY ALLOWED BY THE LANDSCAPE ARCHITECT, SPECIFICATIONS OR AS INDICATION ON THE PLANS.
- 3. TREE TRUNKS AND EXPOSED ROOTS DAMAGED DURING EQUIPMENT OPERATIONS SHALL BE TREATED IN ACCORDANCE WITH THE ARBOR CULTURAL STANDARDS OF THE CITY.

PLANT MATERIALS

- 1. GENERAL ALL MATERIALS SHALL BE OF ITS KIND AVAILABLE AND SHALL HAVE BEEN GROWN IN A CLIMATE SIMILAR TO THAT ON SITE.
- 2. PLANTS ALL PLANTS SHALL BE HEALTHY, OF NORMAL GROWTH, WELL ROOTED, FREE FROM DISEASE AND INSECTS. QUALITY AND SIZE OF PLANT MATERIAL SHALL CONFORM TO ANSI Z60.1 "AMERICAN STANDARDS FOR NURSERY STOCK".
- 3. VARIETIES AND SIZES OF PLANTS SHALL BE AS SHOWN ON DRAWINGS.
- 4. PLANTS SHALL BE IN A HEALTHY, VIGOROUS CONDITION, FREE OF DEAD OR BROKEN BRANCHES, SCARS THAT ARE NOT COMPLETELY HEALED, FROST CRACKS, DISFIGURING KNOTS, BROKEN OR ABRADED BARK, REDUNDANT LEADERS OR BRANCHES, OR ABERRATIONS OF ANY KIND. PLANTS SHALL NOT HAVE MULTIPLE LEADERS, UNLESS THIS IS THE NATURAL FORM.
- 5. BALLED AND BURLAPPED (B&B) PLANTS SHALL BE DUG WITH A FIRM ROOT BALL OF NATURAL EARTH, OF A SIZE IN PROPORTION TO THE PLANT'S SIZE, AS MEASURED BY CALIPER, HEIGHT, OR SPREAD. BALLED AND BURLAPPED PLANTS SHALL BE HANDLED ONLY BY THE ROOT BALL, NOT BY THE TRUNK OR BRANCHES, AS THIS MAY BREAK OR LOOSEN THE ROOT BALL AND DAMAGE THE ROOT SYSTEM. CONTAINER PLANTS SHALL HAVE BEEN ESTABLISHED FOR A MINIMUM OF ONE FULL GROWING SEASON IN THEIR CONTAINERS BEFORE INSTALLATION. CONTAINER PLANTS SHALL BE HANDLED ONLY BY THE CONTAINER, NOT BY THE STEMS OR BRANCHES, AS THIS MAY PULL THE PLANT OUT OF THE CONTAINER AND BREAK OR LOOSEN THE ROOT BALL AND DAMAGE THE ROOT SYSTEM.
- 6. PLANTS SHALL BE PROTECTED FROM DRYING OUT DURING SHIPPING WITH TARPAULINS OR OTHER COVERINGS. PLANTS SHALL BE PROTECTED FROM DRYING OUT AFTER DELIVERY BY PLANTING IMMEDIATELY; IF THIS IS NOT POSSIBLE, THE ROOT BALL SHALL BE COVERED WITH PEAT MOSS OR EARTH. AND WATERED FREQUENTLY TO KEEP IT MOIST UNTIL PLANTING.
- 7. DO NOT HANDLE, MOVE, BIND, TIE OR OTHERWISE TREAT PLANTS SO AS TO DAMAGE THE ROOT BALL. ROOTS, TRUNK, OR BRANCHES IN ANY WAY.

TOPSOIL

- 1. TOPSOIL HAS BEEN (OR WILL BE) STOCKPILED FOR REUSE IN LANDSCAPE WORK. IF QUANTITY OF STOCKPILED TOPSOIL IS INSUFFICIENT, PROVIDE ADDITIONAL TOPSOIL AS REQUIRED TO COMPLETE LANDSCAPE WORK. IMPORTED TOPSOIL SHALL CONSIST OF LOOSE, FRIABLE, LOAMY TOPSOIL WITHOUT ADMIXTURE OF SUBSOIL OR REFUSE. ACCEPTABLE TOPSOIL SHALL CONTAIN NOT LESS THAN 3 PERCENT NOR MORE THAN 20 PERCENT ORGANIC MATTER.
- 2. PLANTING BACKFILL FOR PARKING LOT ISLANDS SHALL CONSIST OF A HOMOGENEOUS MIXTURE OF 3 PARTS TOPSOIL TO ONE PART SPHAGNUM PEAT INSTALLED OVER A 6" THICKNESS OF NO. 57 AGGREGATE.

SOIL CONDITIONING

- OBTAIN LABORATORY ANALYSIS OF STOCKPILED AND IMPORTED TOPSOIL COMPLETE WITH RECOMMENDATIONS FOR SOIL AMENDMENT.
- 2. BEFORE MIXING, CLEAN TOPSOIL OF ROOTS, PLANTS, SOD, STONES, CLAY LUMPS, AND OTHER EXTRANEOUS MATERIALS HARMFUL OR TOXIC TO PLANT GROWTH.
- 3. MIX SPECIFIED SOIL AMENDMENTS AND FERTILIZERS WITH TOPSOIL AT RATES SPECIFIED BY THE LAB REPORT. DELAY MIXING OF FERTILIZER IF PLANTING WILL NOT FOLLOW PLACING OF PLANTING SOIL WITHIN A FEW DAYS.
- 4. FOR PLANTING BEDS AND LAWNS, MIX PLANTING SOIL EITHER PRIOR TO PLANTING OR APPLY ON SURFACE OF TOPSOIL AND MIX THOROUGHLY BEFORE PLANTING. MIX LIME WITH DRY SOIL PRIOR TO MIXING OF FERTILIZER.
- 5. PREVENT LIME FROM CONTACTING ROOTS OF ACID-LOVING PLANTS.
- 6. APPLY PHOSPHORIC ACID FERTILIZER (OTHER THAN THAT CONSTITUTING A PORTION OF COMPLETE FERTILIZERS) DIRECTLY TO SUBGRADE BEFORE APPLYING PLANTING SOIL AND TILLING.

PLANTING SOIL

1. PLANTING SOIL MIX SHALL BE CLEAR OF ALL STONES AND DEBRIS 1" OR LARGER, AND CONSIST OF THE FOLLOWING: 25% ORGANIC COMPOST, 75% ACCEPTABLE TOPSOIL.

OTHER MATERIALS

- 1. BED EDGING EDGING SHALL BE 4" STEEL EDGING WITH THREE (3) METAL ANCHOR STAKES PER 20 FOOT SECTION. ALL MASS PLANTING BEDS SHALL HAVE EDGING PLACED BETWEEN MULCH AREA AND ANY ADJACENT TURF AREA.
- MULCH: ORGANIC MULCH FREE FROM DELETERIOUS MATERIALS AND SUITABLE FOR TOP DRESSING OF TREES, SHRUBS, OR PLANTS AND CONSISTING OF THE FOLLOWING:
- a. RIVER ROCK MULCH AREA: AGGREGATE MULCH, 3/4"-2" IN SIZE, WASHED AND ROUNDED, SHALL BE INSTALLED WITHIN THE RIVER ROCK MULCH AREA PER THE PLAN. RIVER ROCK MULCH SHALL BE INSTALLED AT 3" INCHES DEPTH.
- b. NON-DRYED, DOUBLE SHREDDED HARDWOOD SHALL BE INSTALLED IN ALL OTHER LANDSCAPE BEDS OUTSIDE OF THE RIVER ROCK MULCH AREA AT A DEPTH OF 3 INCHES.

GENERAL WORK PROCEDURES

- . LANDSCAPE WORK SHALL BE ACCORDING TO THE WORKMANLIKE STANDARDS ESTABLISHED FOR LANDSCAPE CONSTRUCTION AND PLANTING IN THE KENTUCKY STANDARDIZED LANDSCAPE SPECIFICATIONS (ASLA) AND ANY LOCAL LANDSCAPE ORDINANCES.
- 2. CONTRACTOR SHALL OBTAIN A COPY OF LOCAL ORDINANCES REGARDING ACCEPTABLE PLANT AND PLANTING DETAILS AND ABIDE BY THOSE ORDINANCES AND DETAILS.
- 3. ENGINEER RESERVES THE RIGHT TO REJECT ALL PLANT MATERIAL DEEMED NOT ACCEPTABLE.
- 4. ANY PROPOSED PLANT SUBSTITUTIONS SHALL BE EQUIVALENT IN FORM, HABIT, STRUCTURE, BRANCHING AND LEAF TYPE AND MUST BE ISSUED TO THE LANDSCAPE ARCHITECT FOR APPROVAL, IN WRITING, PRIOR TO INSTALLATION.

WEEDING

1. BEFORE AND DURING PRELIMINARY GRADING AND FINISH GRADING, ALL WEEDS AND GRASSES SHALL BE DUG OUT BY THE ROOTS AND DISPOSED OF AT THE CONTRACTOR'S EXPENSE.

<u>PLANTING</u>

- 1. POSITION TREES AND SHRUBS AT THEIR INTENDED LOCATIONS AS PER THE PLANS AND SECURE THE APPROVAL OF THE OWNER BEFORE EXCAVATING PITS, MAKING NECESSARY ADJUSTMENTS AS DIRECTED.
- 2. PLANTING PITS SHALL BE AS PER DETAILS.
- 3. PREPARED SOIL SHALL BE TAMPED FIRMLY AT BOTTOM OF PIT. FILL WITH PLANTING SOIL AROUND BALL OF PLANT. COMPLETE BACKFILLING AND WATER THOROUGHLY.
- 4. EACH TREE AND SHRUB SHALL RECEIVE THE LANDSCAPER'S BIONUTRITION (3-0-3) GRANULAR WITH MYCORRHIZAL TECHNOLOGY FERTILIZER OR APPROVED OTHER. APPLY FERTILIZER PER MANUFACTURER'S SPECIFICATIONS.
- 5. WATER IMMEDIATELY AFTER PLANTING. WATER SHALL BE APPLIED TO EACH TREE AND SHRUB IN SUCH MANNER AS NOT TO DISTURB BACKFILL AND TO THE EXTENT THAT ALL MATERIALS IN THE PLANTING HOLE ARE THOROUGHLY SATURATED.
- 6. INSTALL BED EDGING AND MULCH PER MATERIALS SPECIFICATION AND DETAILS.
- 7. REMOVE ALL SALES TAGS, STRINGS, STRAPS, WIRE, ROPE OR OTHER MATERIALS THAT MAY INHIBIT PLANT GROWTH BOTH ABOVE AND BELOW THE SURFACE OF THE SOIL.
- 8. REMOVE ANY BROKEN, SUCKERING, DISEASED, CRISSCROSSED OR AESTHETICALLY DISPLEASING BRANCHES BACK TO LIVE LEADER OR SIDE LATERAL WITH A FLUSH CUT.

FINISH GRADING

- 1. ALL AREAS WILL BE GRADED BY THE CONTRACTOR TO SUBSTANTIALLY PLUS/MINUS 0.1 FOOT OF FINISH GRADE.
- 2. ALL LAWN AND PLANTING AREAS SHALL BE GRADED TO A SMOOTH, EVEN, UNIFORM PLANE WITH NO ABRUPT CHANGE OF SURFACE. SOIL AREAS ADJACENT TO THE BUILDINGS SHALL SLOPE AWAY FROM THE BUILDINGS.
- 3. ALL PLANTING AREAS SHALL BE GRADED AND MAINTAINED TO ALLOW FREE FLOW OF SURFACE WATER.
- 4. PARKING LOT ISLAND SHALL BE BACKFILLED AS PART OF THIS CONTRACT.

GROUND COVER

- 1. SPACING AND VARIETY OF GROUND COVER SHALL BE AS SHOWN ON DRAWINGS.
- 2. MULCH GROUND COVER WITH 2" THICKNESS OF SPHAGNUM PEAT.
- 3. IMMEDIATELY AFTER PLANTING GROUND COVER, CONTRACTOR SHALL THOROUGHLY WATER GROUND COVER.
- 4. ALL GROUND COVER AREAS SHALL BE TREATED WITH A PRE-EMERGENT BEFORE FINAL LANDSCAPE INSPECTION. GROUND COVER AREAS SHALL BE WEEDED PRIOR TO APPLYING PRE-EMERGENT. PRE-EMERGENT TO BE APPLIED AS PER MANUFACTURER'S RECOMMENDATION.

<u>GUARANTEE</u>

1. CONTRACTOR SHALL GUARANTEE ALL PLANTS FOR A PERIOD OF ONE (1) YEAR FROM DATE OF PROJECT ACCEPTANCE BY THE OWNER.

CLEANUP

1. UPON THE COMPLETION OF ALL PLANTING WORK AND BEFORE FINAL ACCEPTANCE, THE CONTRACTOR SHALL REMOVE ALL MATERIAL, EQUIPMENT, AND DEBRIS RESULTING FROM HIS WORK. AN 'ACCEPTABLE CONDITION' SHALL BE AS DEFINED AND APPROVED BY THE OWNER'S AUTHORIZED REPRESENTATIVE.

LANDSCAPE NOTES & PLANTING SPECIFICATIONS

IRRIGATION

- CONTRACTOR SHALL PROVIDE & INSTALL AN IRRIGATION SYSTEM TO PROVIDE 100% COVERAGE OF THE SITE.
- IRRIGATED AREAS WITHIN 5 FEET OF BUILDING WALLS SHALL BE IRRIGATED BY DRIP IRRIGATION OR SIMILAR. CONTRACTOR SHALL ENSURE BUILDING WALLS AND WINDOWS WILL NOT BE DAMAGED OR STAINED BY IMPROPER IRRIGATION INSTALLATION OR POOR SELECTION OF FIXTURES.
- 3. SYSTEM SHALL INCLUDE ALL SPRINKLER FIXTURES, DRIP TUBING, PIPING, VALVES, WIRING AND CONTROLS TO PROVIDE A COMPLETE FUNCTIONAL SYSTEM THAT SHALL COMPLY WITH CITY CODE.
- 5. IRRIGATION CONTRACTOR SHALL PROVIDE A METHOD FOR WINTERIZATION. WINTERIZATION SHALL BE PERFORMED BY CONTRACTOR UPON COMPLETION IF SYSTEM IS INSTALLED BETWEEN NOVEMBER 1 AND MARCH 31.
- 6. PRIOR TO UPDATING THE IRRIGATION SYSTEM, A CERTIFIED IRRIGATION DESIGNER SHALL PROVIDE SHOP DRAWINGS TO ENGINEER FOR APPROVAL.
- 5. UPON APPROVAL OF SHOP DRAWINGS, THE UPDATED IRRIGATION SYSTEM SHALL BE APPROVED BY OWNER FOR FINAL ACCEPTANCE.

MAINTENANCE

(MAINTENANCE PERIOD TO COMMENCE AFTER FINAL INSPECTION.)

- MAINTENANCE PERIOD FOR THIS CONTRACT SHALL BE 90 CALENDAR DAYS COMMENCING AFTER FINAL INSPECTION OF CONSTRUCTION.
- MAINTAIN TREES, SHRUBS AND OTHER PLANTS BY PRUNING, CULTIVATING AND WEEDING AS REQUIRED FOR HEALTHY GROWTH. RESTORE PLANTING SAUCERS. RESET TREES AND SHRUBS TO PROPER GRADES OR VERTICAL POSITION AS REQUIRED.
- 3. MAINTAIN LAWNS BY WATERING, MOWING, TRIMMING, AND OTHER OPERATIONS SUCH AS ROLLING, REGRADING AND REPLANTING AS REQUIRED TO ESTABLISH A SMOOTH, ACCEPTABLE LAWN, FREE OF ERODED OR BARE AREAS.
- 4. MAINTAIN THE LANDSCAPING BY KEEPING ALL PLANTS DISEASE-FREE AND PLANTING BEDS GROOMED, EXCEPT IN NATURALLY OCCURRING VEGETATION AREAS.
- 5. REPLACE ANY REQUIRED PLANTING(S), WHICH SEVERELY DECLINE OR DIE AFTER THE DATE OF PLANTING. SUCH REPLACEMENT SHALL OCCUR DURING THE NEXT APPROPRIATE PLANTING SEASON.

EEDING

- GRASS SEED SHALL BE FRESH, CLEAN, DRY, NEW-CROP SEED COMPLYING WITH THE ASSOCIATION OF OFFICIAL SEED ANALYSTS' "RULES FOR TESTING SEEDS" FOR PURITY AND GERMINATION TOLERANCES.
- 2. ALL AREAS TO BE SEEDED SHALL RECEIVE NO LESS THAN FIVE POUNDS OF SEED PER ONE THOUSAND SQUARE FEET. APPLY SEED AND PROTECT WITH STRAW MULCH AS REQUIRED FOR NEW LAWNS. GRASS SEED MIX SHALL CONSIST OF THE FOLLOWING:

PROPORTION	NAME	MIN.% GERM.		WEED SEED
30%	KENTUCKY BLUEGRASS (POA PRATENSIS)	80	85	0.50
30%	CREEPING RED FESCUE (FESTUCA RUBRA)	85	98	0.50
20%	PERENNIAL RYE GRASS (LOLIUM PERENNE)	90	98	0.50
20%	ANNUAL RYEGRASS (LOLIUM MULTIFLORUM)	85	92	1.00

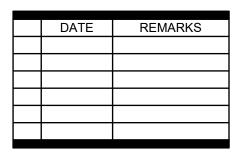
PLANTING SCHEDULE

1. ALL PLANTING IS RECOMMENDED TO BE DONE WITHIN THE FOLLOWING DATES. WHEN PLANTING OUTSIDE THESE DATES, WRITTEN DOCUMENTATION SHALL BE PROVIDED THAT SURVIVAL OR REPLACEMENT WILL BE ENSURED. NO PLANTING SHALL BE DONE IN FROZEN SOIL.

NORMAL PLANTING SEASONS	SPRING	FALL
ALL TREES AND SHRUBS	MARCH 15-MAY 15	OCTOBER 1-DECEMBER 1
EVERGREENS	APRIL 1-MAY 15	OCTOBER 1-NOVEMBER 15
GROUNDCOVERS	APRIL 1-JUNE1	WHEN SOD IS WORKABLE
SEED AND MULCH	APRIL 1-MAY 15	OCTOBER 1-NOVEMBER 15



520 South Main Street, Suite 2531 Akron, OH 44311 330.572.2100 Fax 330.572.2101



END 20

2020188.06

CONTRACT DATE: BUILDING TYPE:

PLAN VERSION:

BRAND DESIGNER:
SITE NUMBER:
STORE NUMBER:

DRAWN BY.: JOB NO.:

PA/PM:

TACO BELL

3039 DIXIE HWY. EDGEWOOD, KY 41017



LANDSCAPE NOTES

L-00

PLOT DATE

LANDSCAPE NOTES

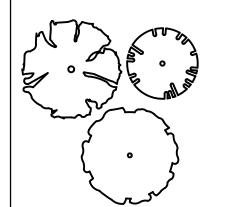
- 1. MULCH PER LANDSCAPE SPECIFICATIONS.
- 2. ALL DISTURBED AREAS NOT TO BE PAVED OR MULCHED SHALL BE SEEDED PER SPECIFICATIONS.
- 3. ALL DISTURBED AREAS WITHIN THE R.O.W. NOT TO BE PAVED, SHALL BE GRADED TO MATCH EXISTING CONDITIONS AND SEEDED PER THE SPECIFICATIONS.



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LANDSCAPE LEGEND

PROPOSED LANDSCAPE BED EDGE



(##-Xx

SEED

PROPOSED TREE

PROPOSED SHRUB / PERENNIAL

PROPOSED LIMESTONE BOULDER, DESERT SAND, 12"-36"

PROPOSED PLANT QUANTITY AND SYMBOL

PROPOSED LAWN AREA

PROPOSED RIVER ROCK MULCH AREA

DIXIE HIGHWAY - 162' R.O.W.

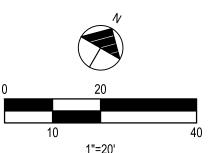
ITEM	REQUIRED	PROVIDED	ZONING ORDINANCE
STREET TREES	3	3	1 TREE EVERY 60 FEET ON CENTER (MAXIMUM) FROM LIST A (SHADE TREES) 1 TREE EVERY 60 FEET ON CENTER (MAXIMUM) FROM LIST F (STREET TREES) 1 TREE EVERY 60 FEET ON CENTER (MAXIMUM) FROM LIST B (FLOWERING AND NON-FLOWERING TREES)"

EDGEWOOD DRIVE - 146' R.O.W.

ITEM	REQUIRED	PROVIDED	ZONING ORDINANCE
STREET TREES	4	4	1 TREE PER 40 LINEAR FEET, OR FRACTION THEREOF, FROM LIST A* (SHADE TREES), PLUS 8 SHRUBS PER 40 LINEAR FEET, OR FRACTION THEREOF, FROM EITHER LIST D (DECIDUOUS SHRUBS) OR LIST E (EVERGREEN/BROADLEAF SHRUBS)
SHRUBS	32	36	LINEAR FEET, OR FRACTION THEREOF, FROM EITH D (DECIDUOUS SHRUBS) OR LIST E

INTERIOR PLANTINGS

ITEM	REQUIRED	PROVIDED	ZONING ORDINANCE
INTERIOR LANDSCAPE AREA	5%	17%	5% INTERIOR LANDSCAPE AREA REQUIRED
TREES	3	3	1 TREE PER 250 SQUARE FEET OF INTERIOR LANDSCAPED AREA FROM EITHER LIST A (SHADE TREES) OR LIST B (FLOWERING AND NON-FLOWERING TREES) (1 TREE MINIMUM)



1"=20'	
zontal Scale in Feet	

PLANT LIS	T					
Symbol	Botanical Name	Common Name	Qty.	Min. Size	Condition	Remarks
Bx	Buxus 'Green Velvet'	Green Velvet Boxwood	40	24" H Min.	B&B	3' o/c
Fg	Festuca gluaca	Blue Fescue	18	No. 2	Cont.	Per Plan
Gb	Ginkgo biloba 'Princeton Sentry'	'Princeton Sentry' Ginkgo	4	2" cal	B&B	Male Variety Only
Gt	Gleditsia triacanthos f. inermis 'Skyline'	Skyline Thornless Honey Locust	3	2" cal	B&B	Per Plan
Nc	Nepeta x 'Cat's Pajamas'	Cat's Pajamas Catmint	6	No. 2	Cont.	2' o/c
Tr	Thuja occidentalis 'Rheingold'	Rheingold Arborvitae	1	24" H Min.	B&B	3' o/c
Yf	Yucca filamentosa 'Color Guard'	Color Guard Yucca	3	No. 5	Cont.	Per Plan
Zs	Zelkova serrata	Japanese Zelkova	3	2" cal	B&B	Per Plan

Kentuckv811

DIXIE HIGHWAY U.S. 25
ex. water (per record)

PROPOSED TACO BELL

CONTRACT DATE: BUILDING TYPE: END 20
PLAN VERSION: BRAND DESIGNER:
SITE NUMBER:
STORE NUMBER:
PA/PM: AB
DRAWN BY.: JS

TACO BELL

2020188.06

3039 DIXIE HWY. EDGEWOOD, KY 41017

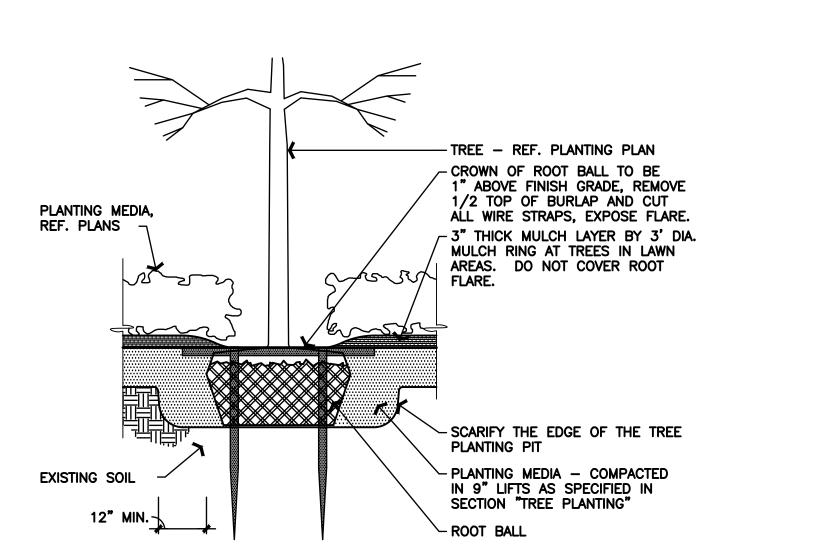
JOB NO.:



END 20 LANDSCAPE PLAN

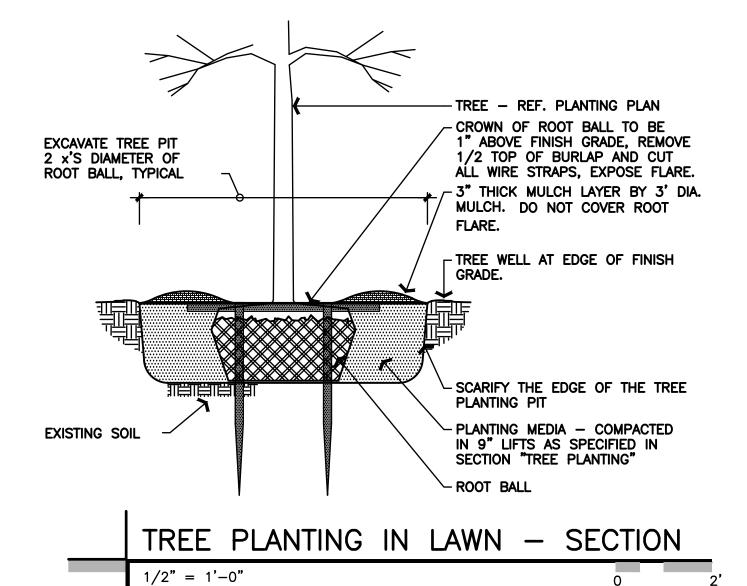
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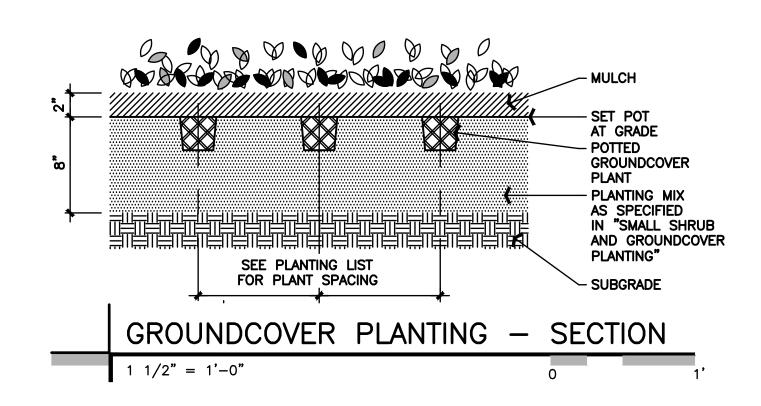
PLOT DATE

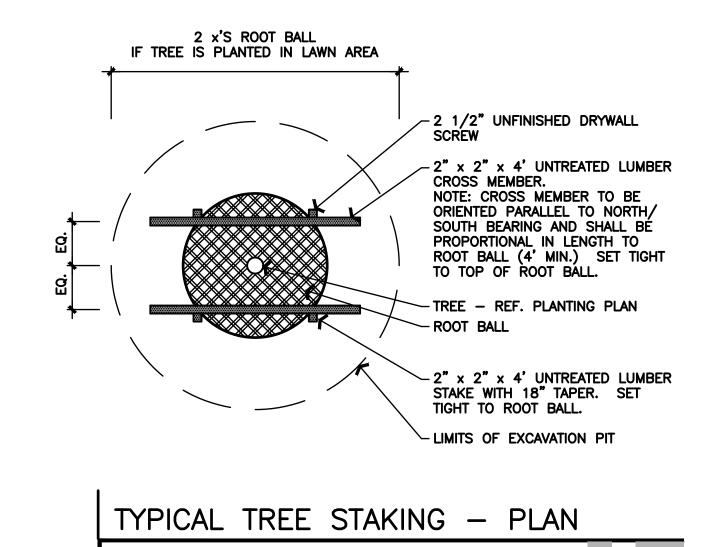


TREE PLANTING IN PLANTER -

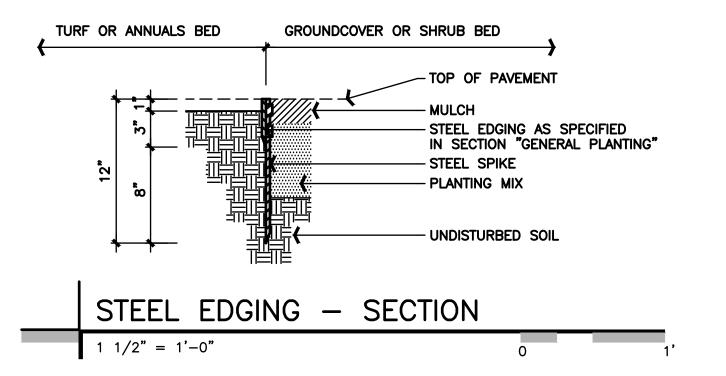
1/2" = 1'-0"

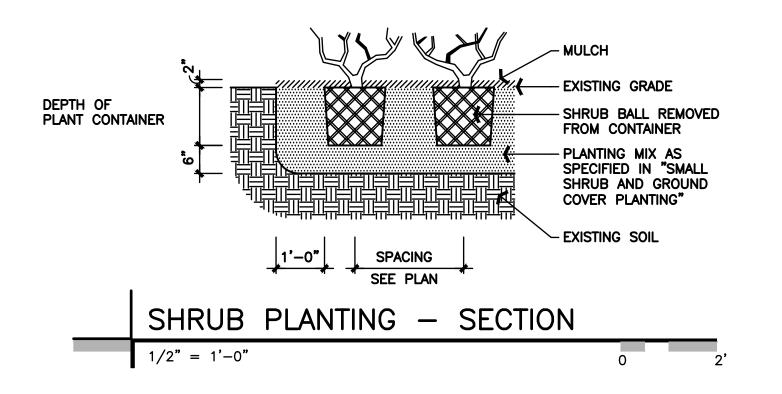






1/2" = 1'-0"







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DATE	REMARKS
09/23/2021	AHJ COMMENTS

END 20

2020188.06

CONTRACT DATE:
BUILDING TYPE:
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TACO BELL

3039 DIXIE HWY. EDGEWOOD, KY 41017



END 20 LANDSCAPE DETAILS

L-501

PLOT DATE: